

**Macoun**

# Adaptier dich an die Adaptivität

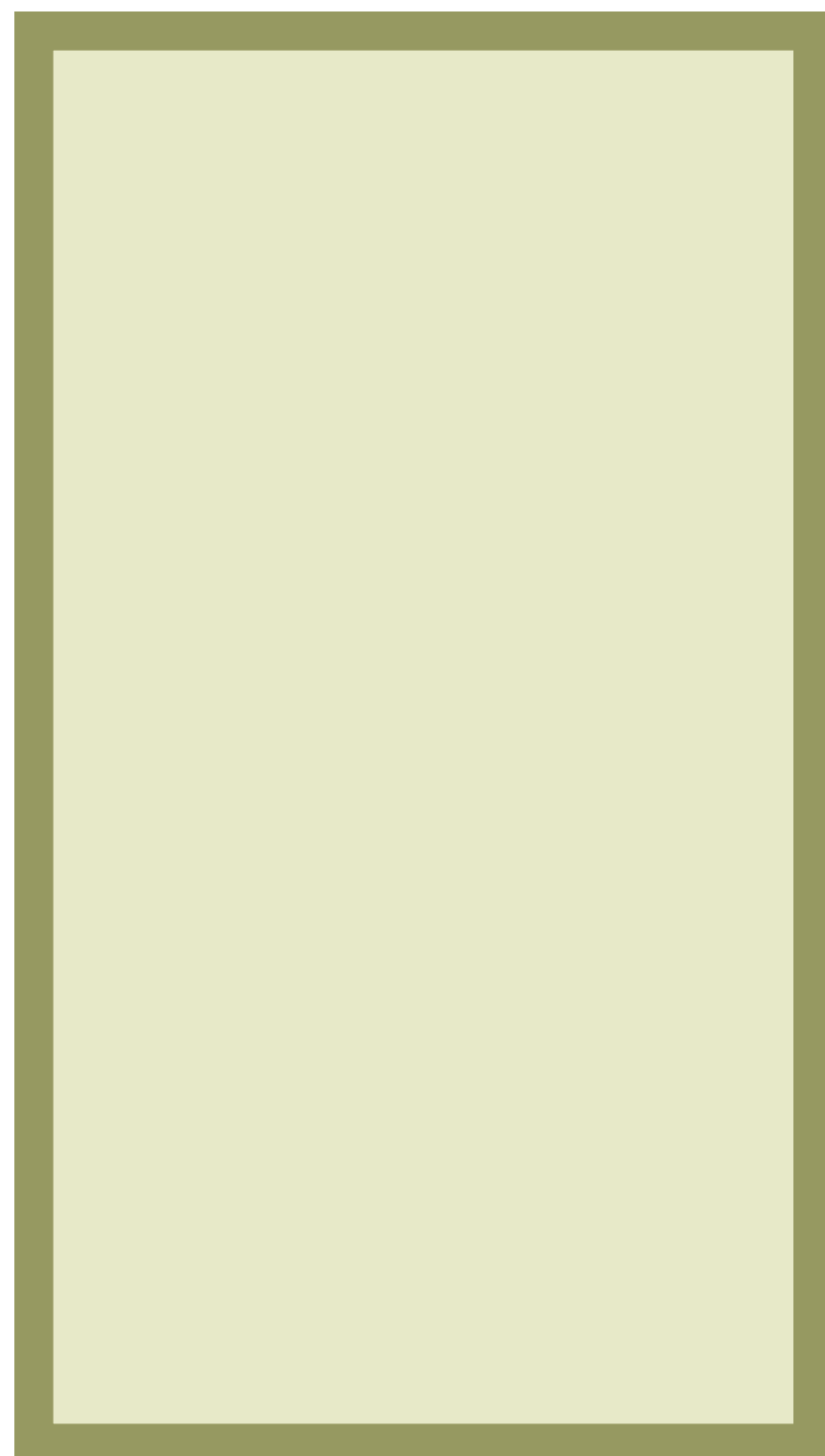
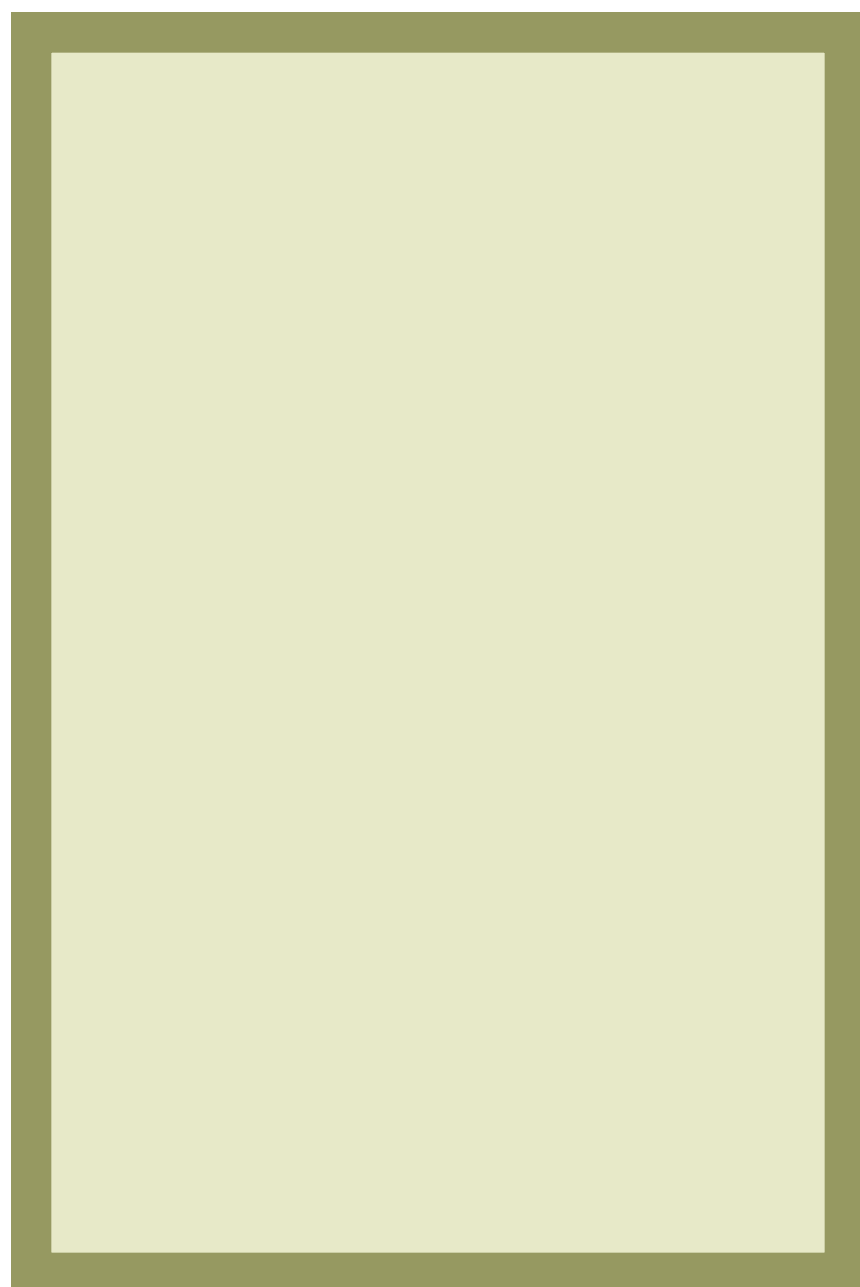
Max Seelemann – @macguru17

# Disclaimer

# Adaptivity

Anpassung der App an verschiedene Geräte.

# Bildschirmgrößen



# iPhone 3.5", 4.0"

Phone



Land-  
scape



Portrait



# iPhone 3.5", 4.0", iPad

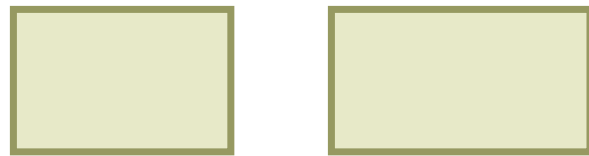
Phone

Navigation View

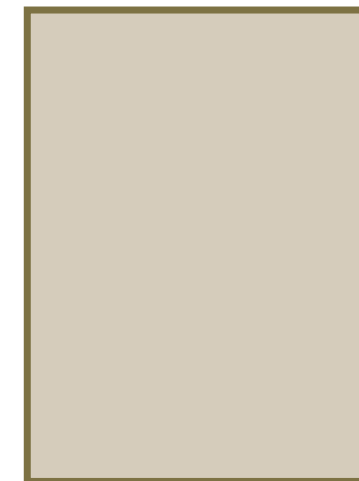
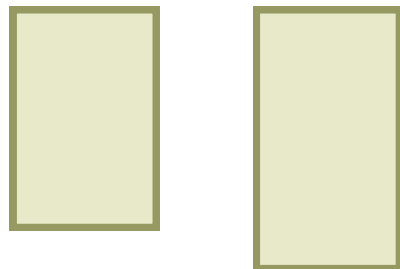
Pad

Split View

Land-  
scape


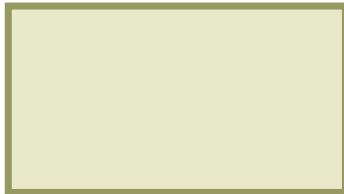

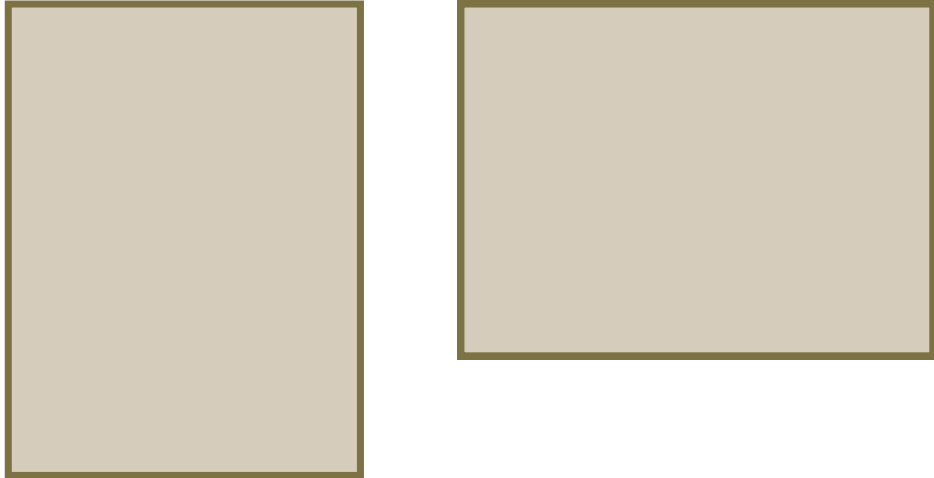


Portrait


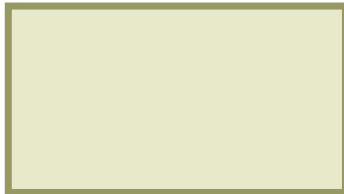
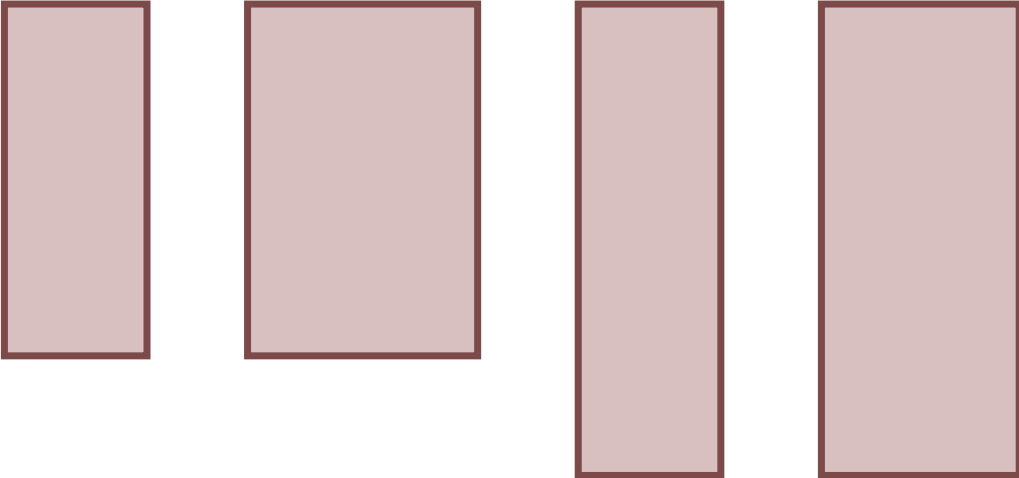







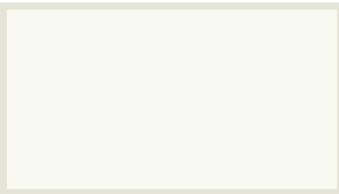
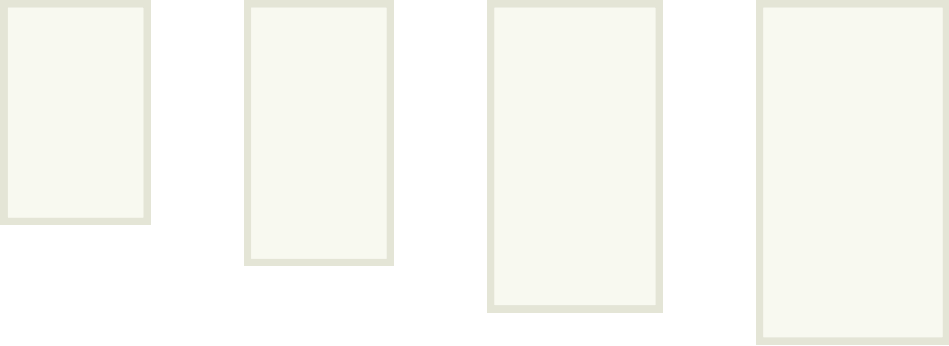
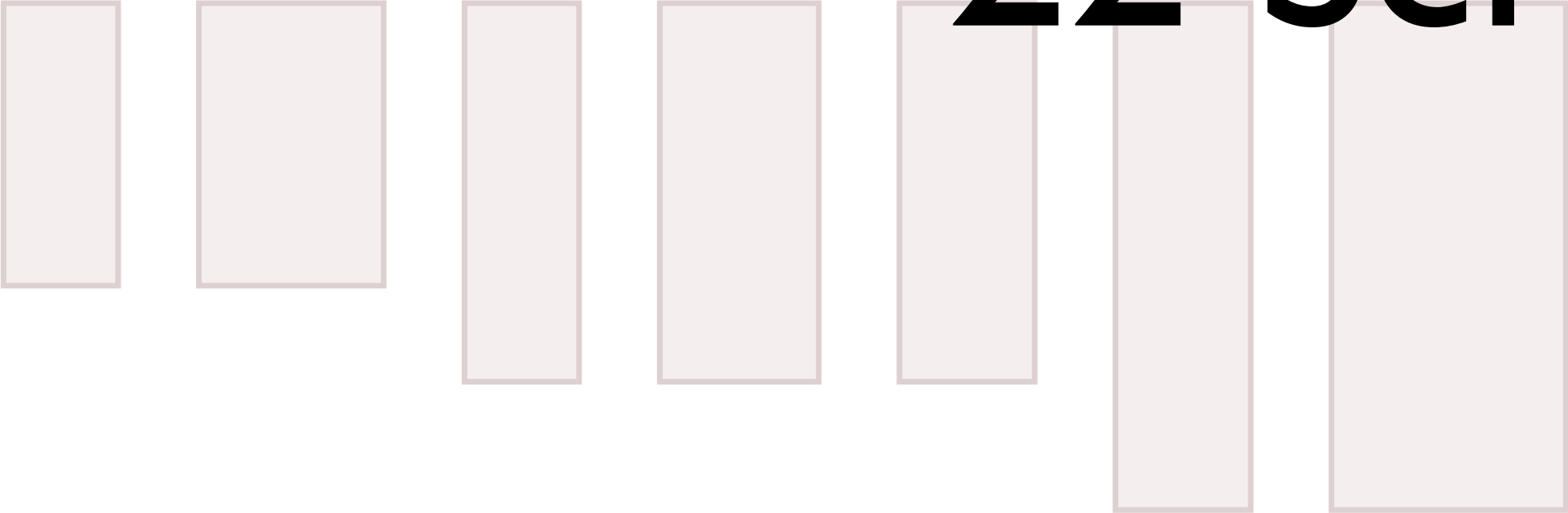

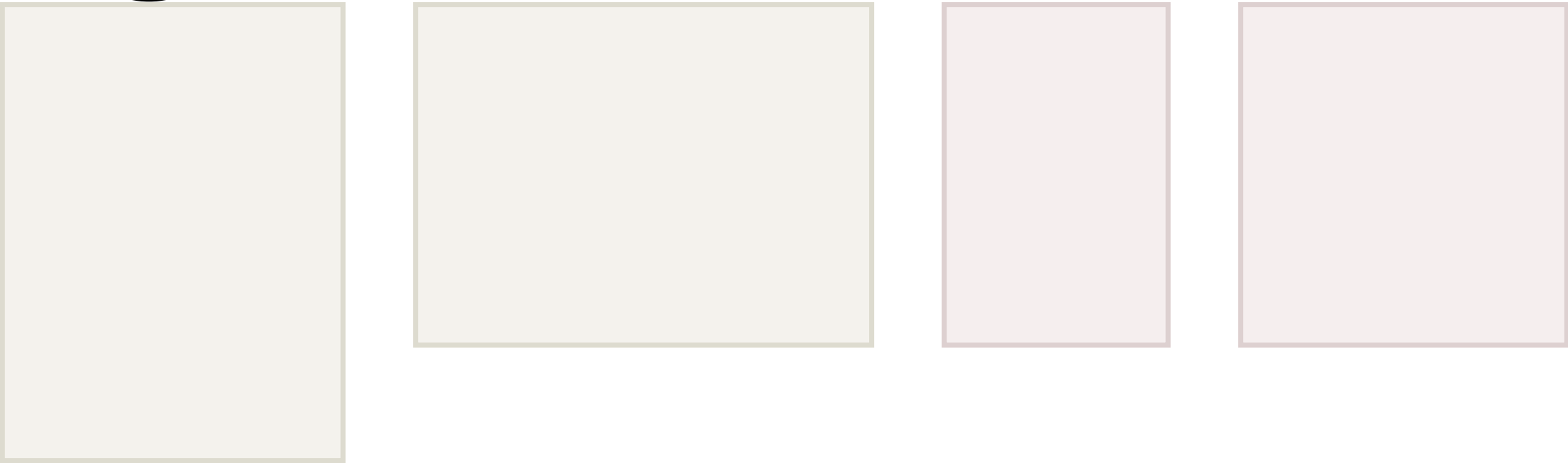
# iPhone 3.5", 4.0", 4.7", 5.5", iPad

	Compact Width <div>Navigation View</div>	Regular Width <div>Split View</div>
Compact Height		
Regular Height		

# iPhone 3.5", 4.0", 4.7", 5.5", iPad+Split

	Compact Width <div>Navigation View</div>	Regular Width <div>Split View</div>
Compact Height		
Regular Height	<div></div>	<div></div>

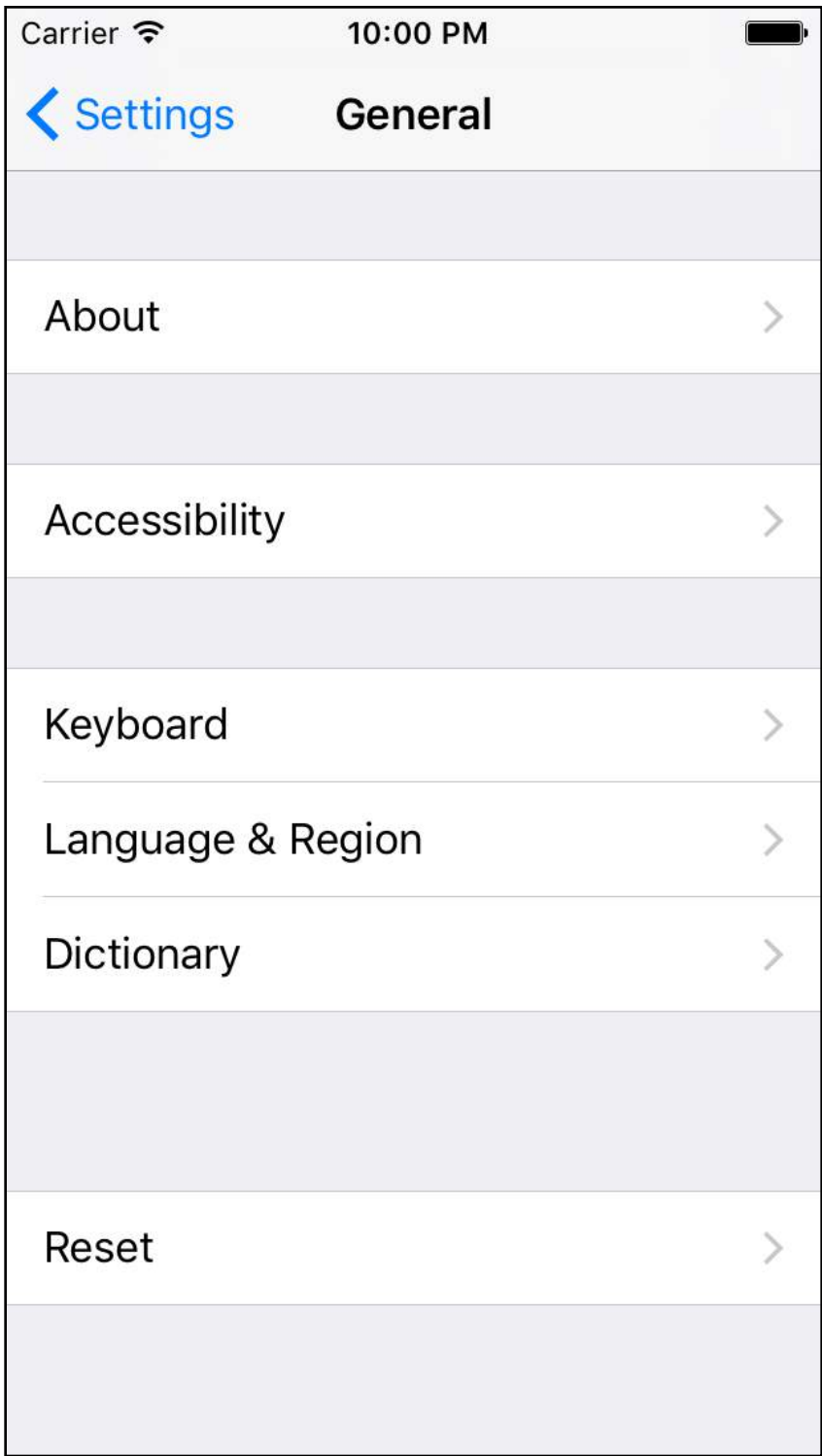
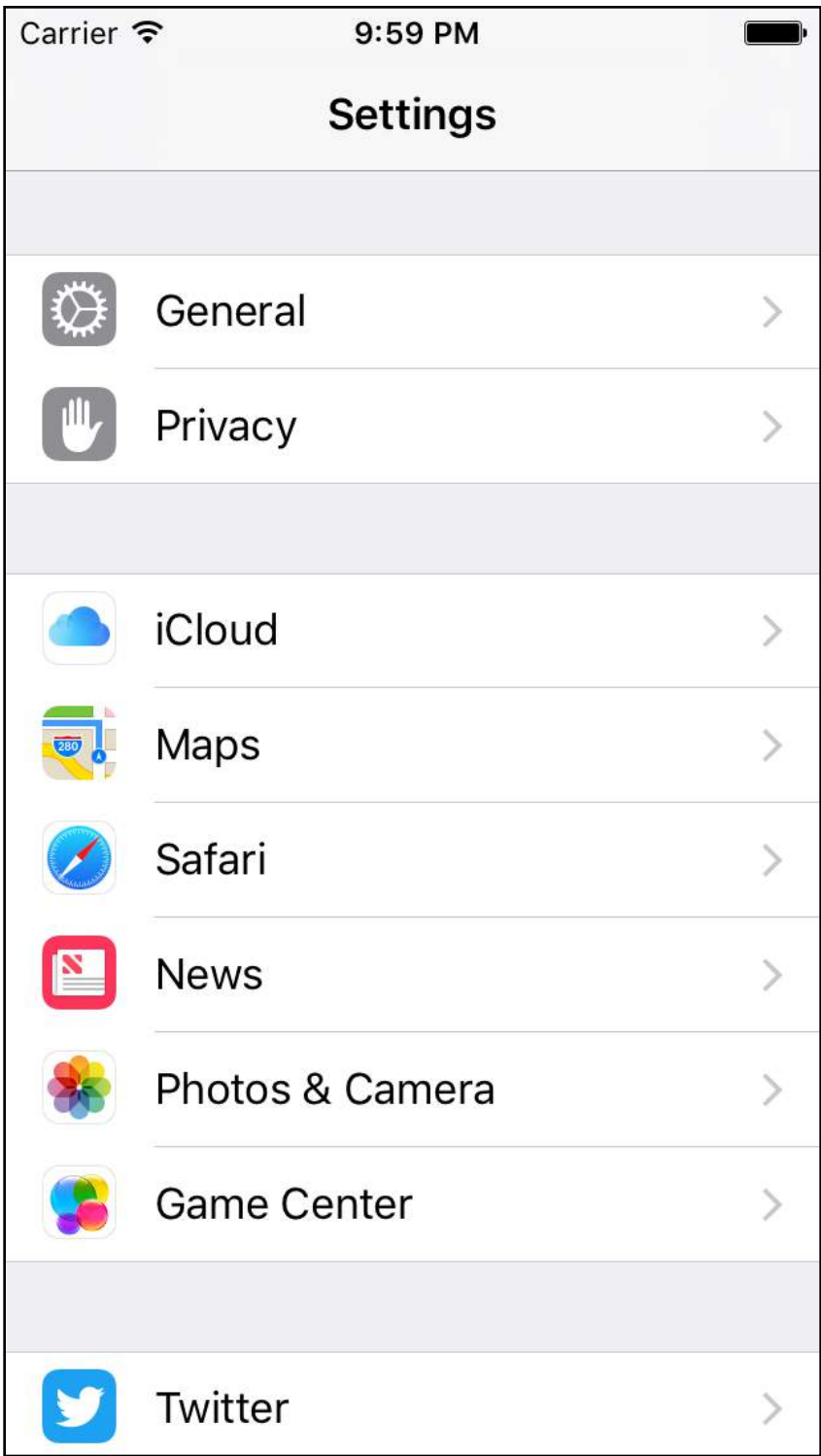
# iPhone 3.5", 4.0", 4.7", 5.5", iPad+Split, iPad Pro+Split

	Compact Width Navigation View	Regular Width Split View
Compact Height		
Regular Height	 	 

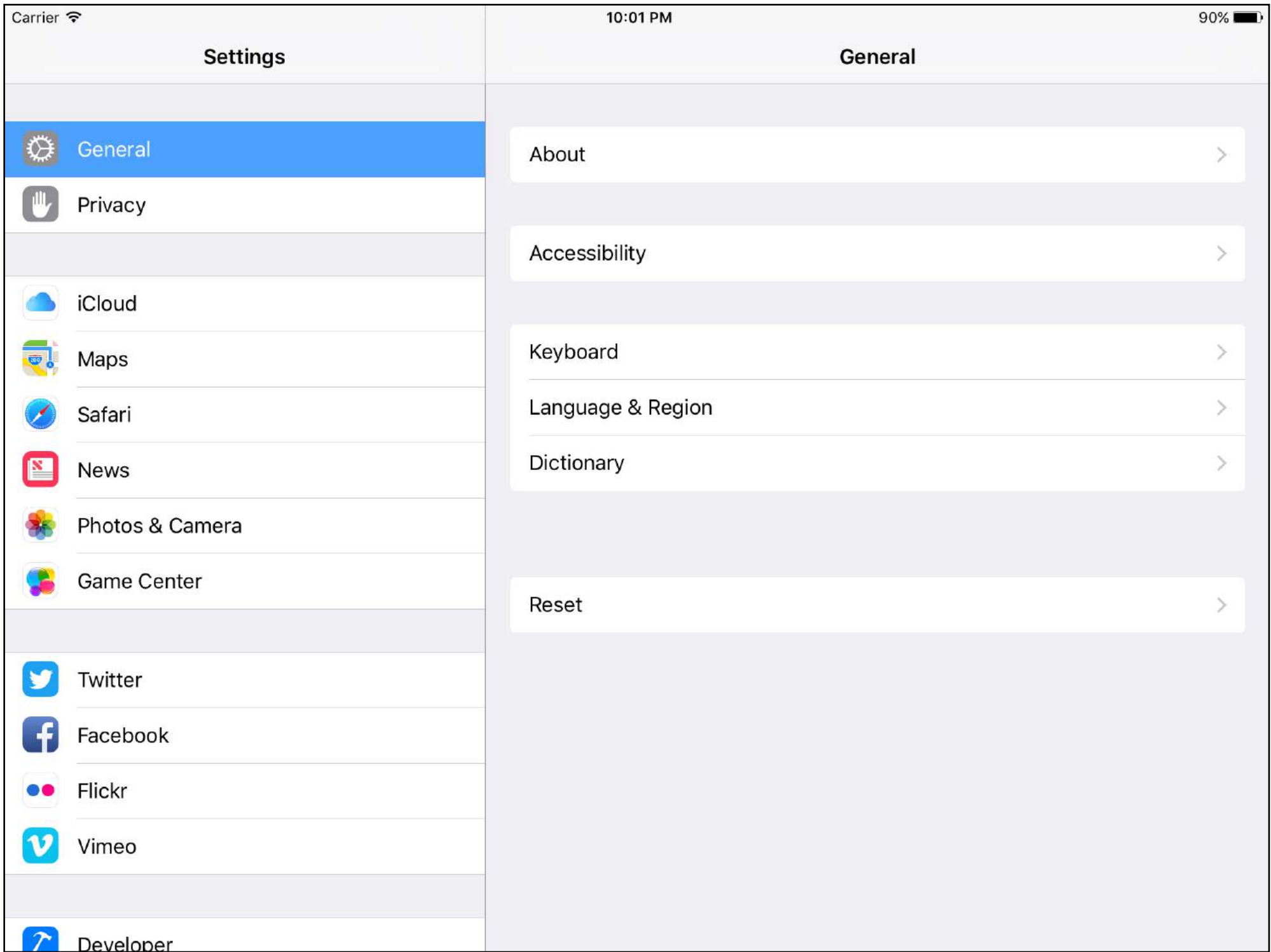
22 Screengrößen

# Die einfache Lösung

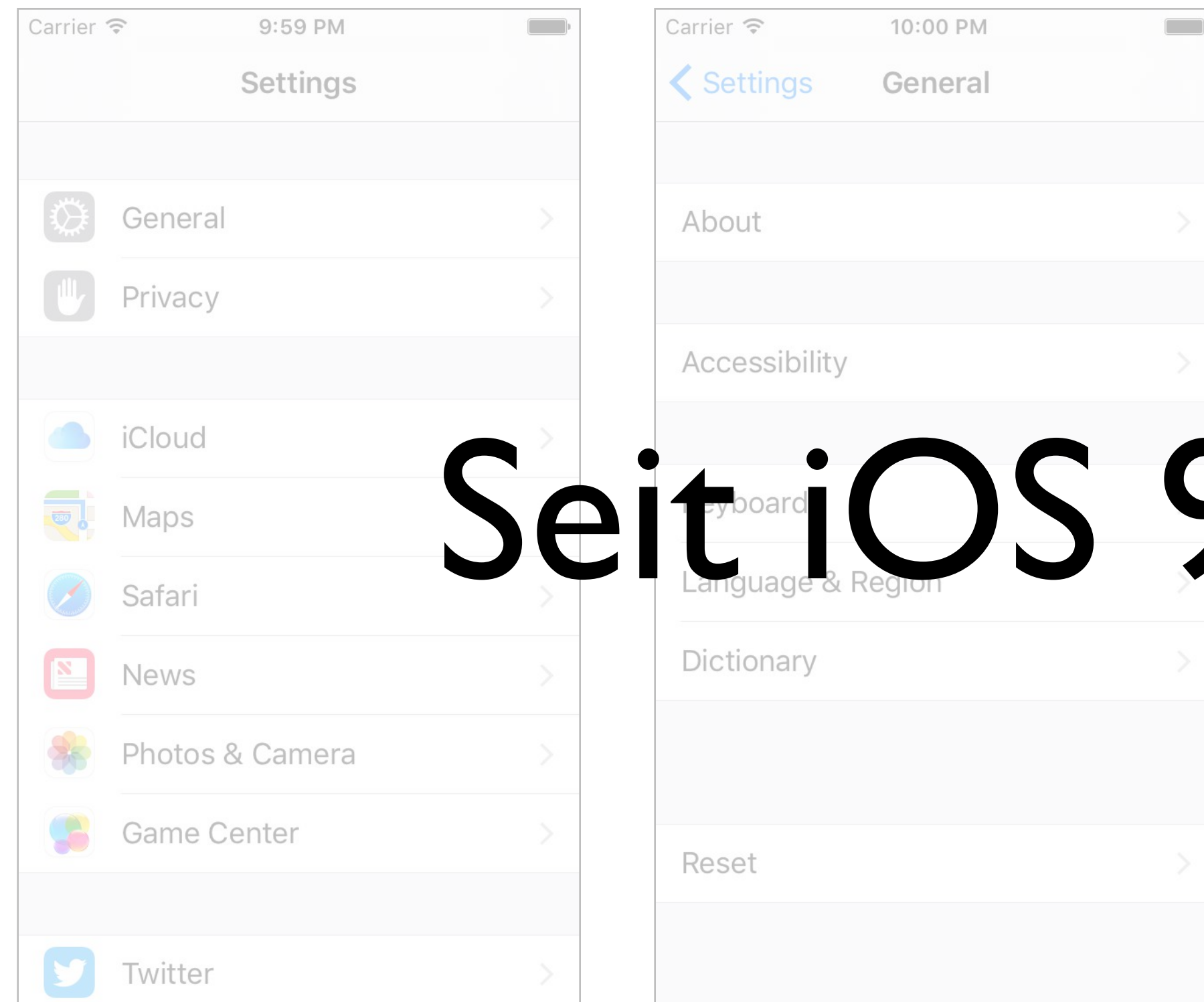
# Navigation View



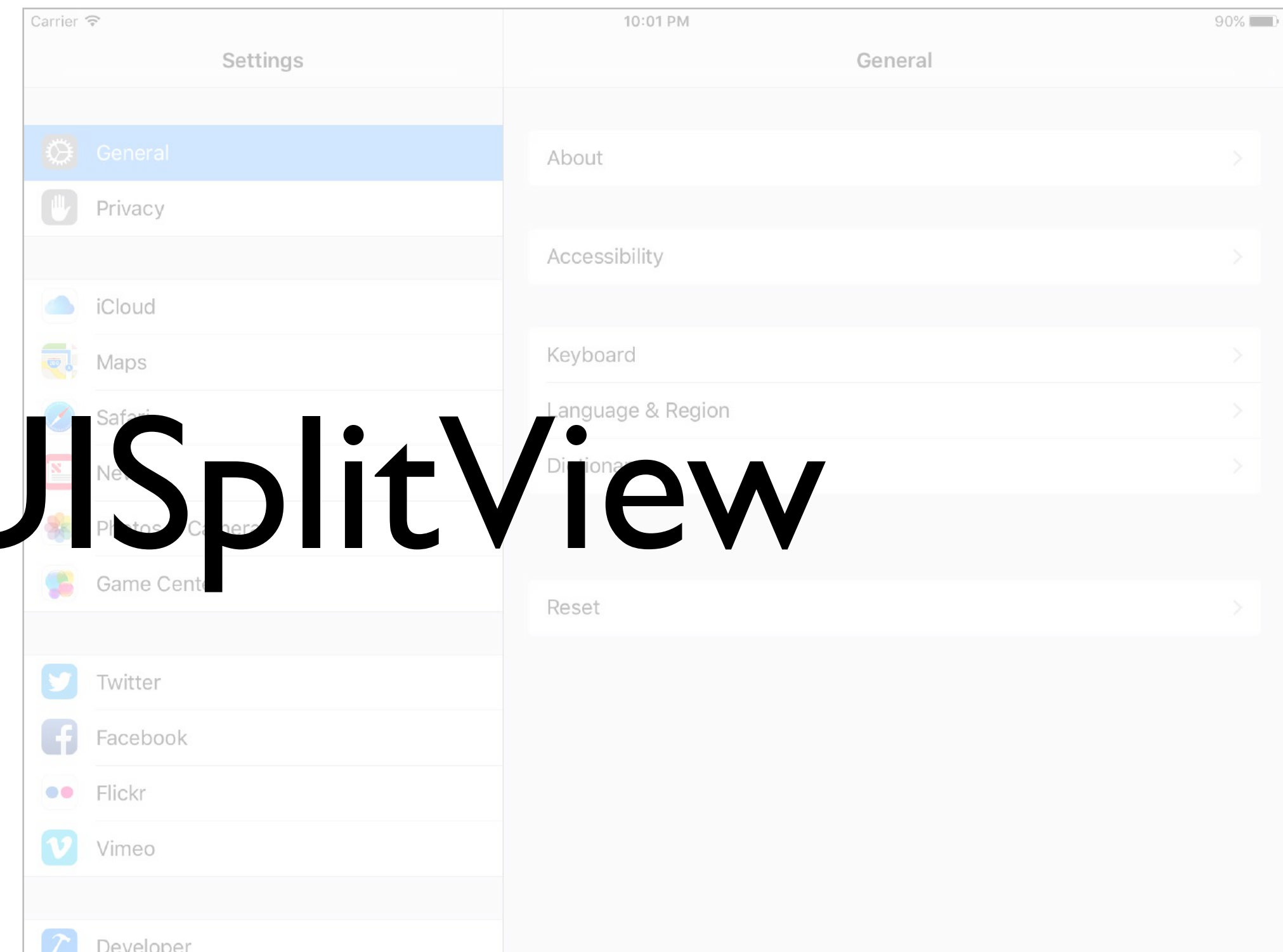
# Split View



## Navigation View



## Split View



Seit iOS 9: UISplitView

# Pro

- Reicht für einfache Fälle
- Gewohntes Verhalten
- Einfache Benutzung

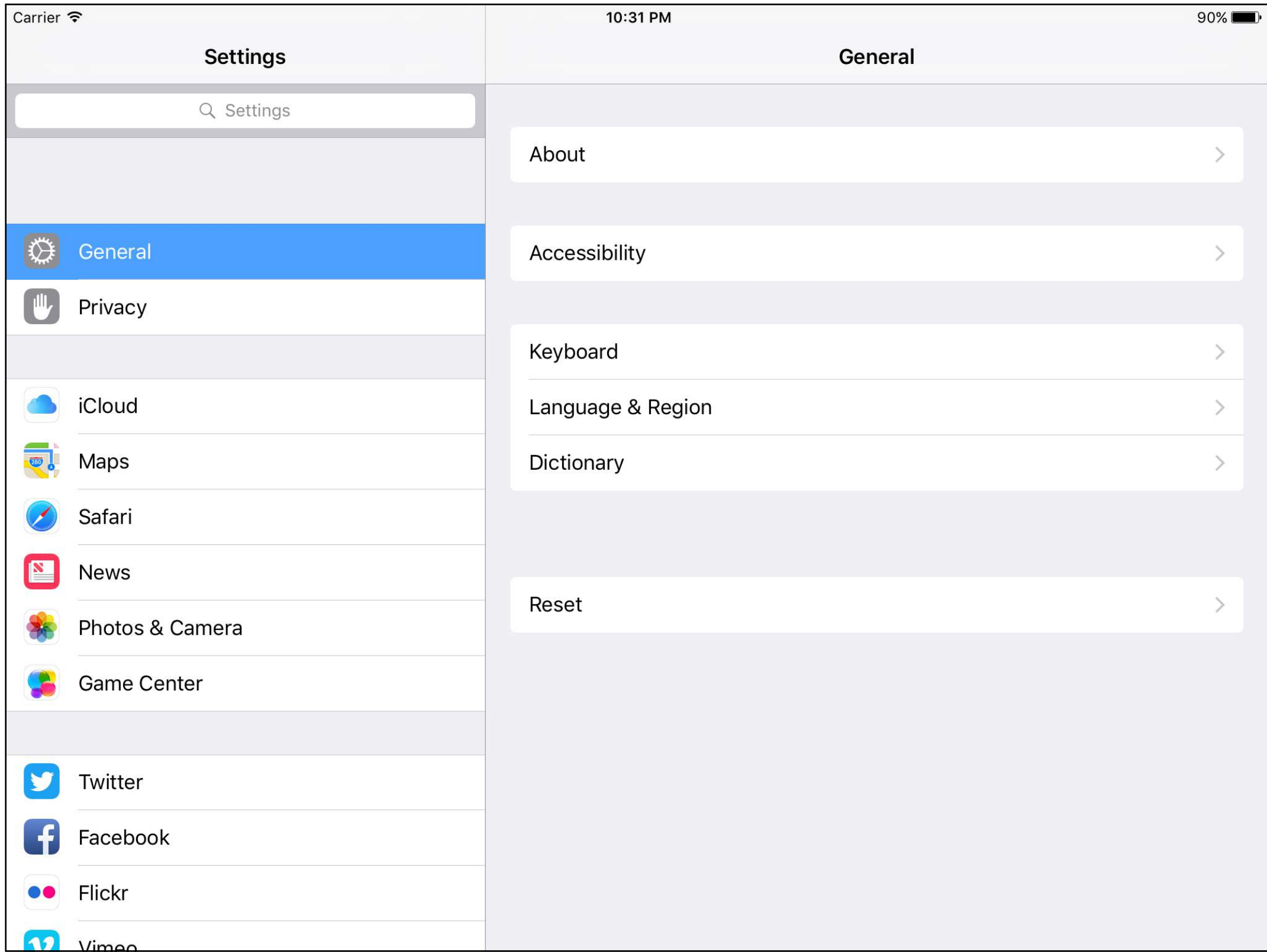
# Contra

- Beschränktes Muster
- Wenig Anpassungen
- Viel “Magie”

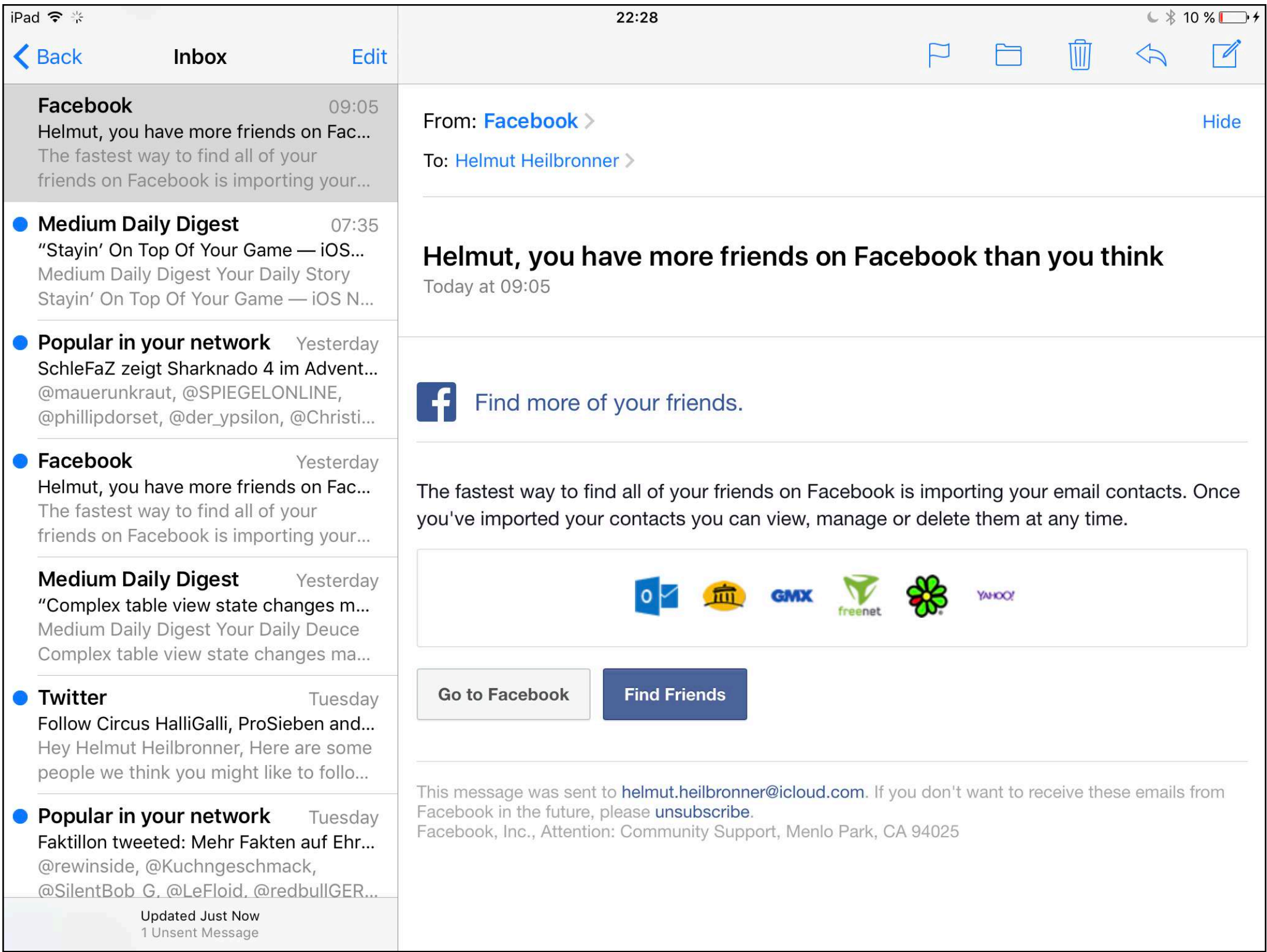
# Split View vs. Slide Over



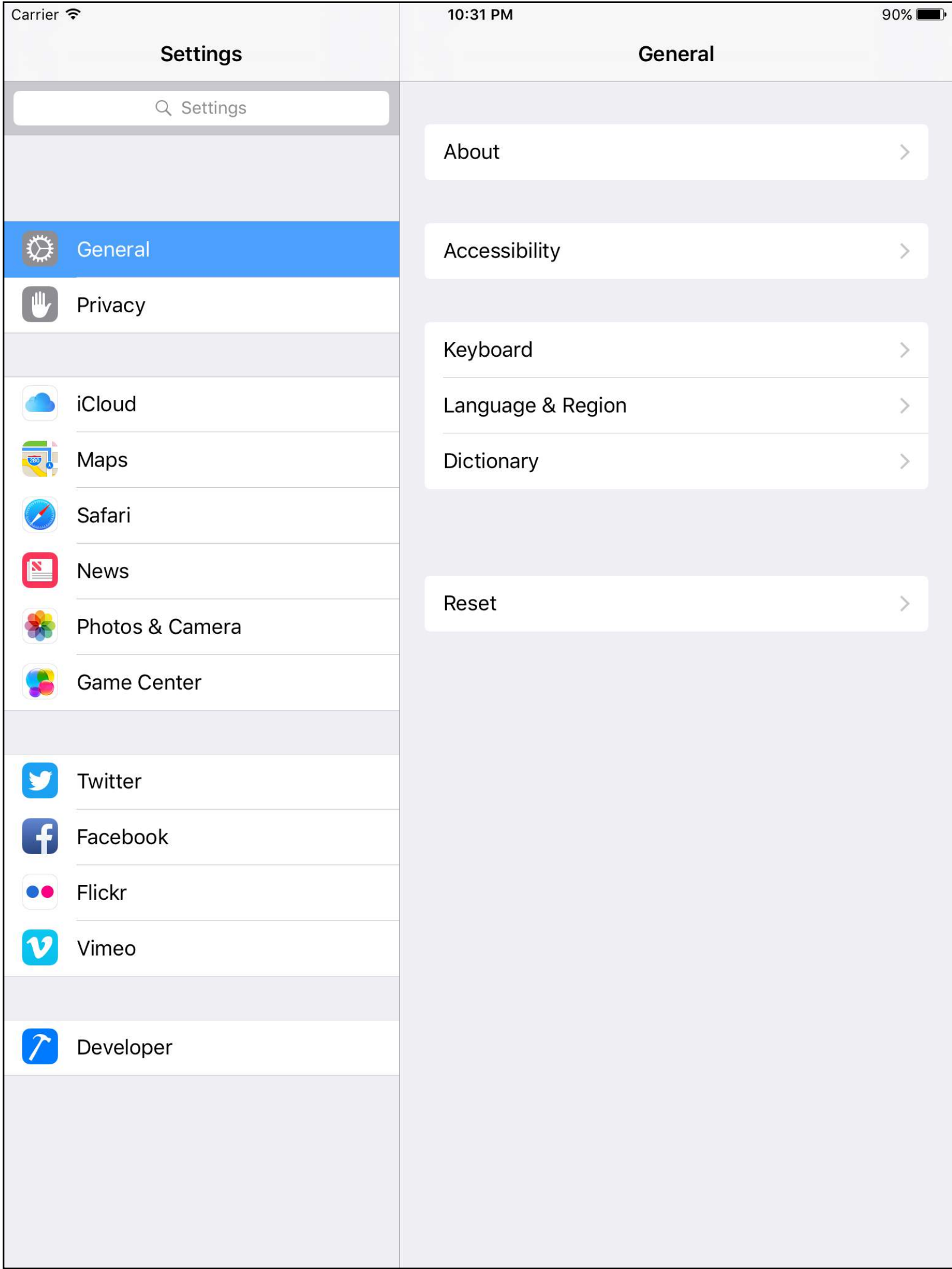
Split View



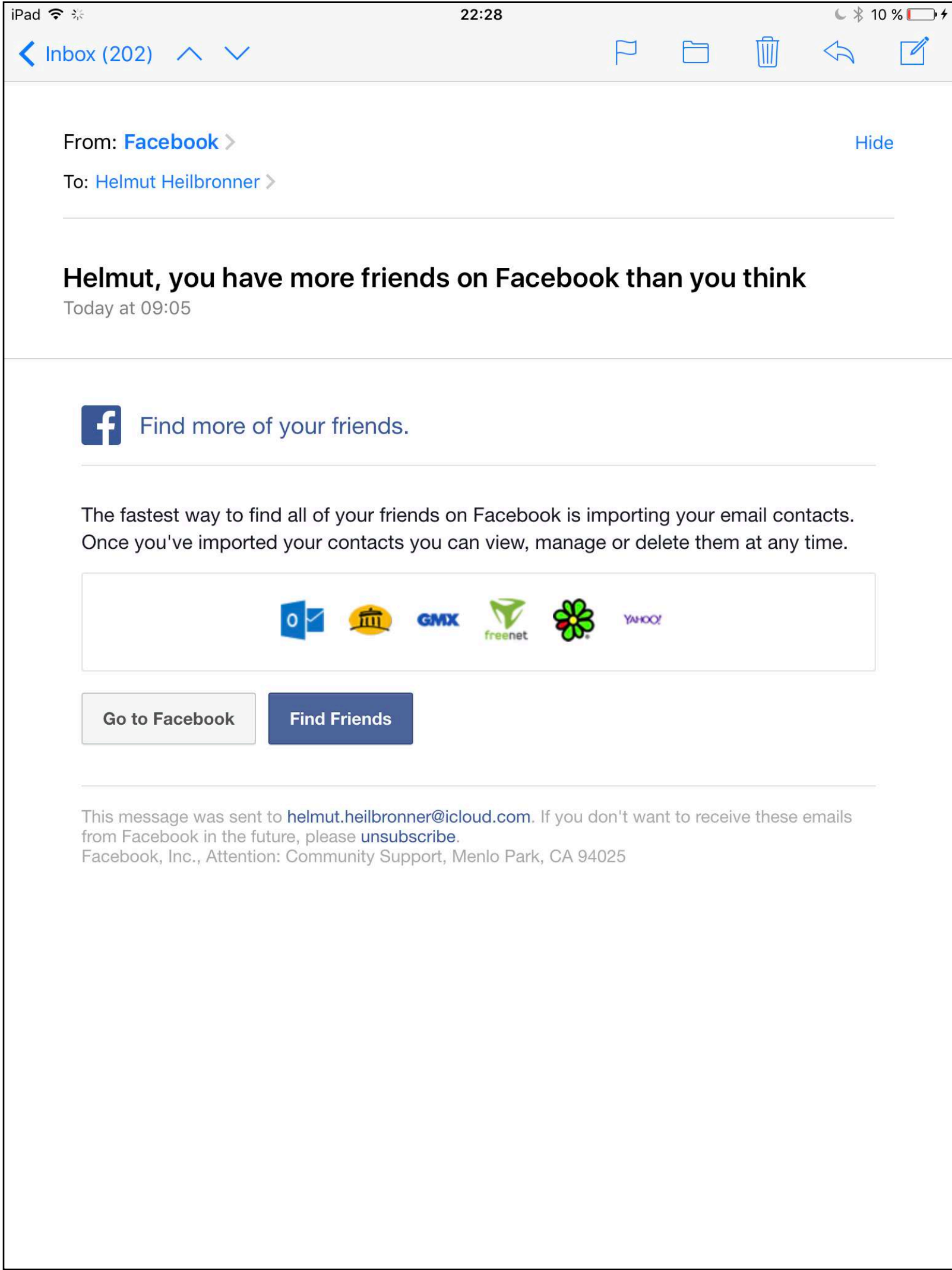
Split View



Split View



Slide Over



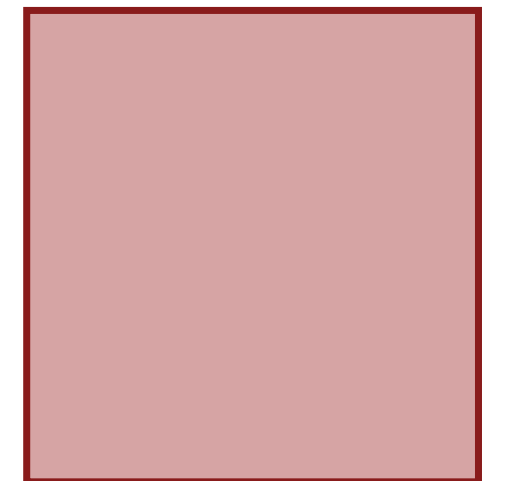
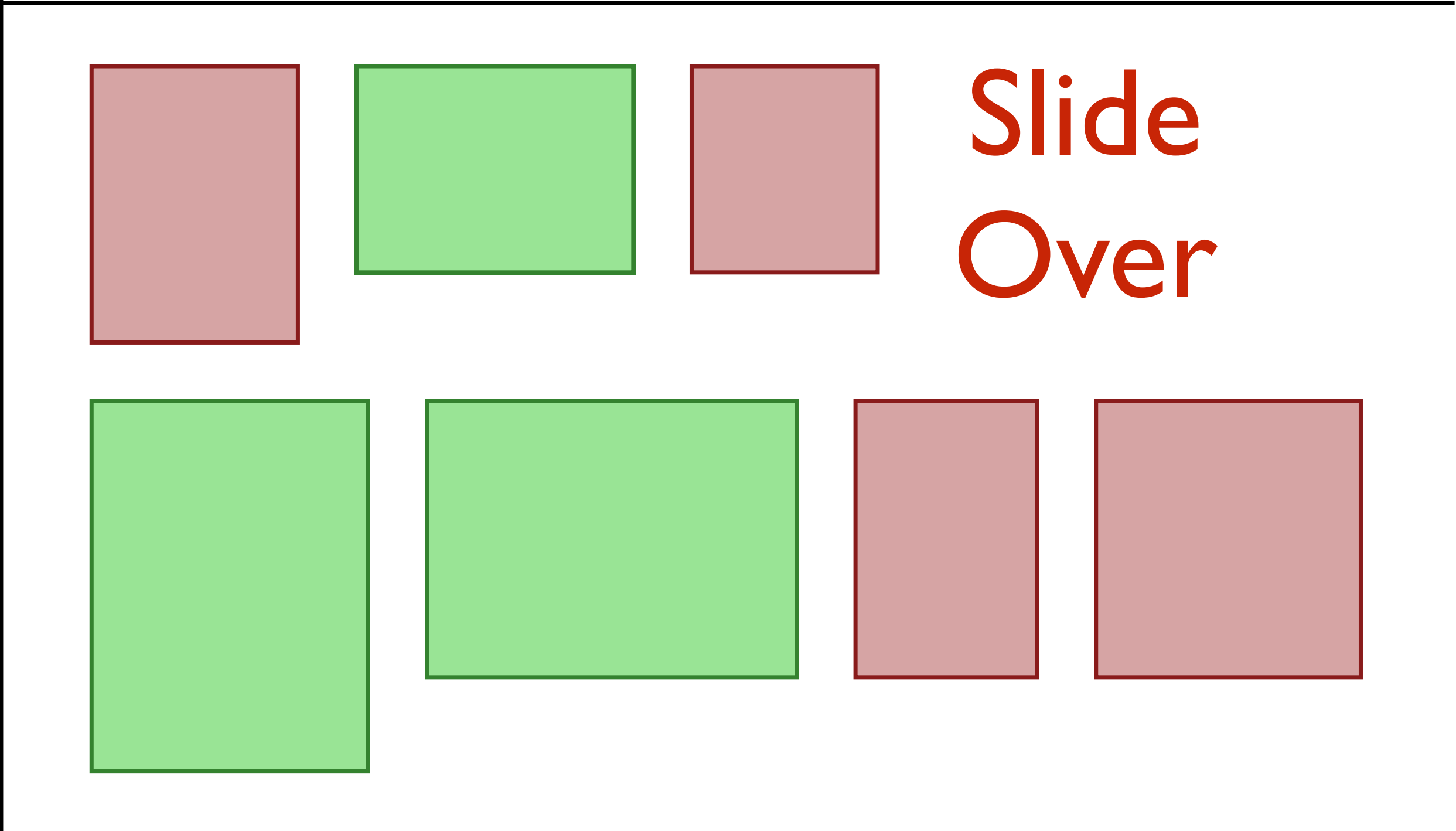
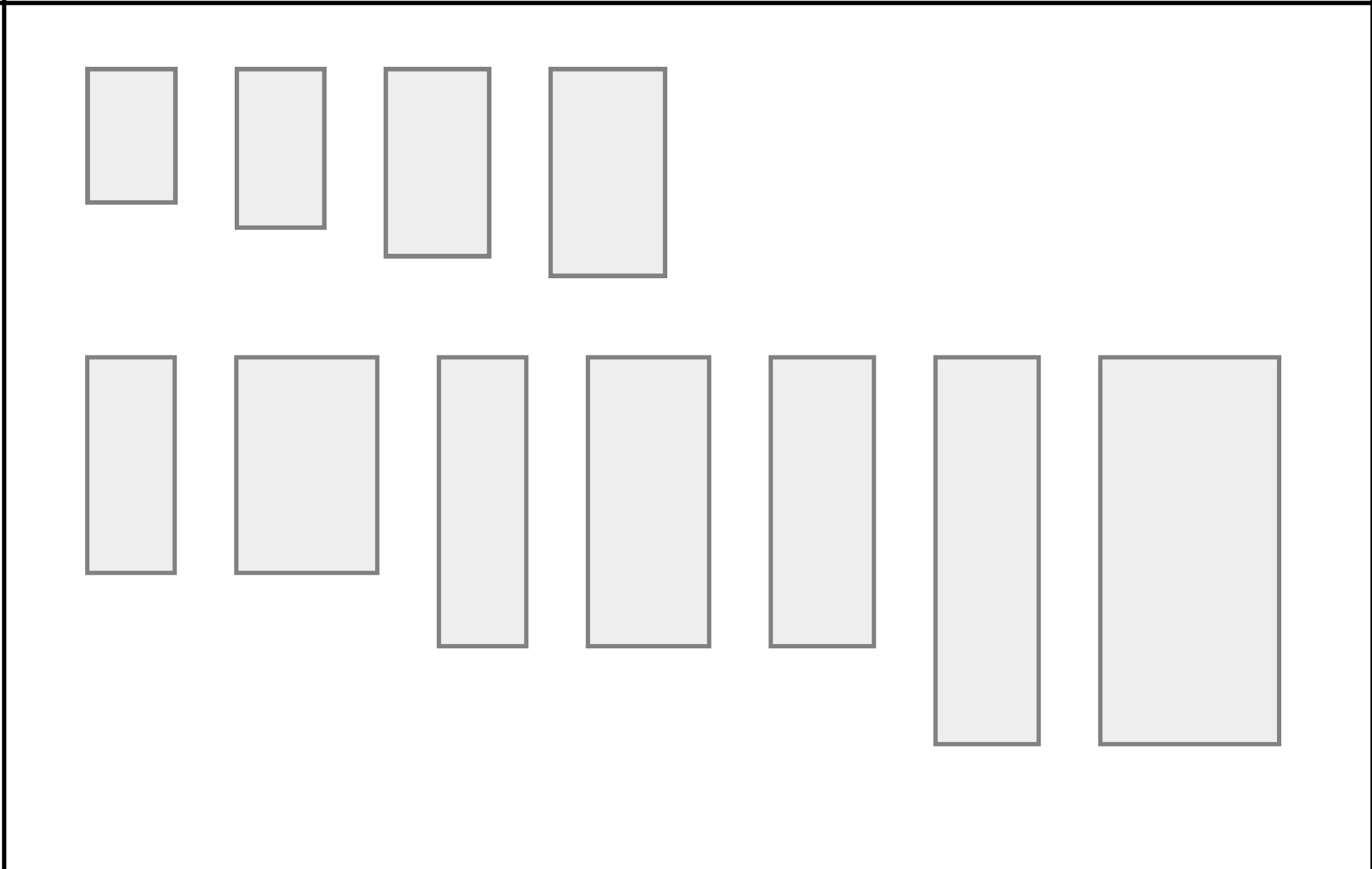
Compact Width

Regular Width

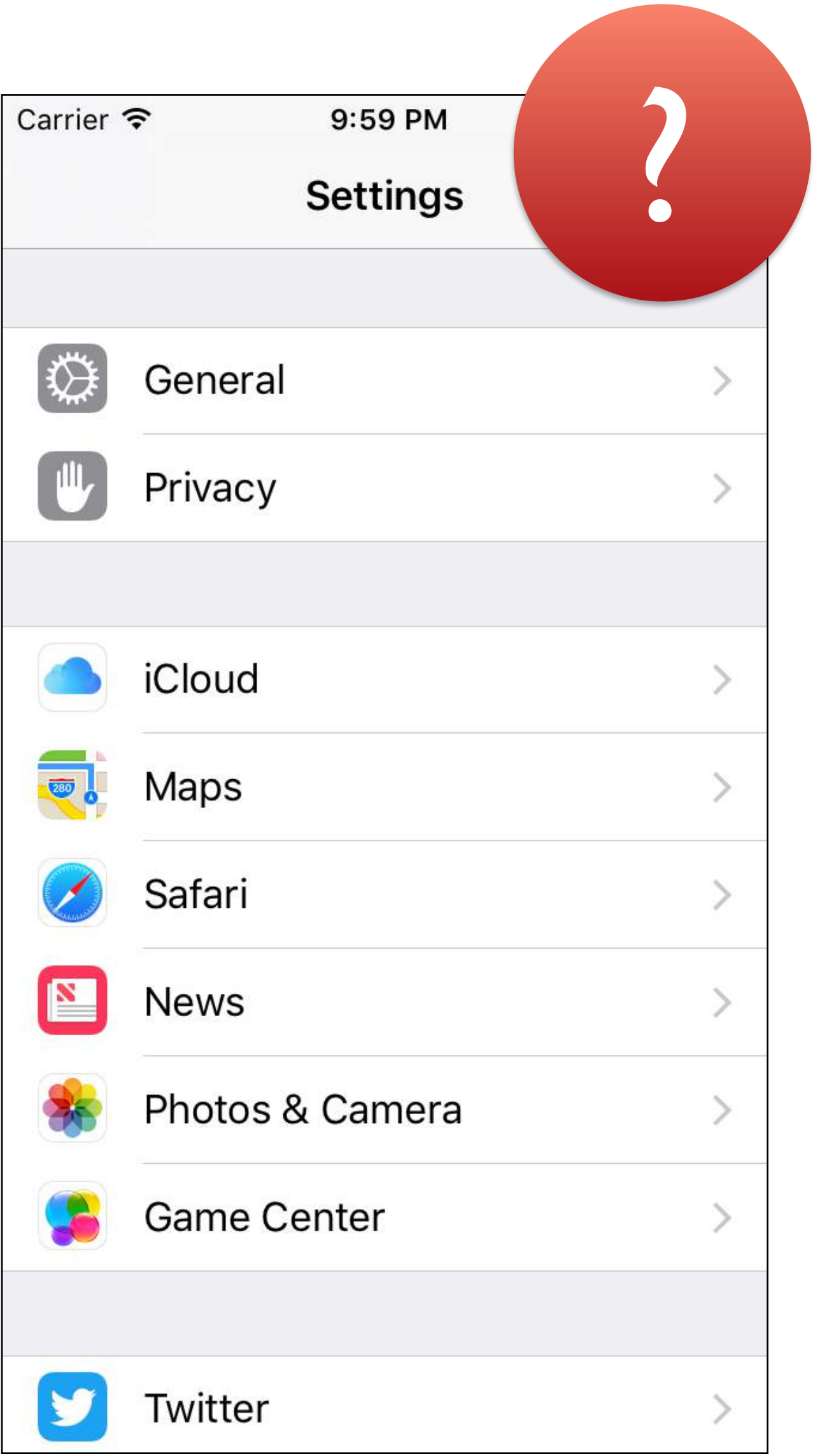
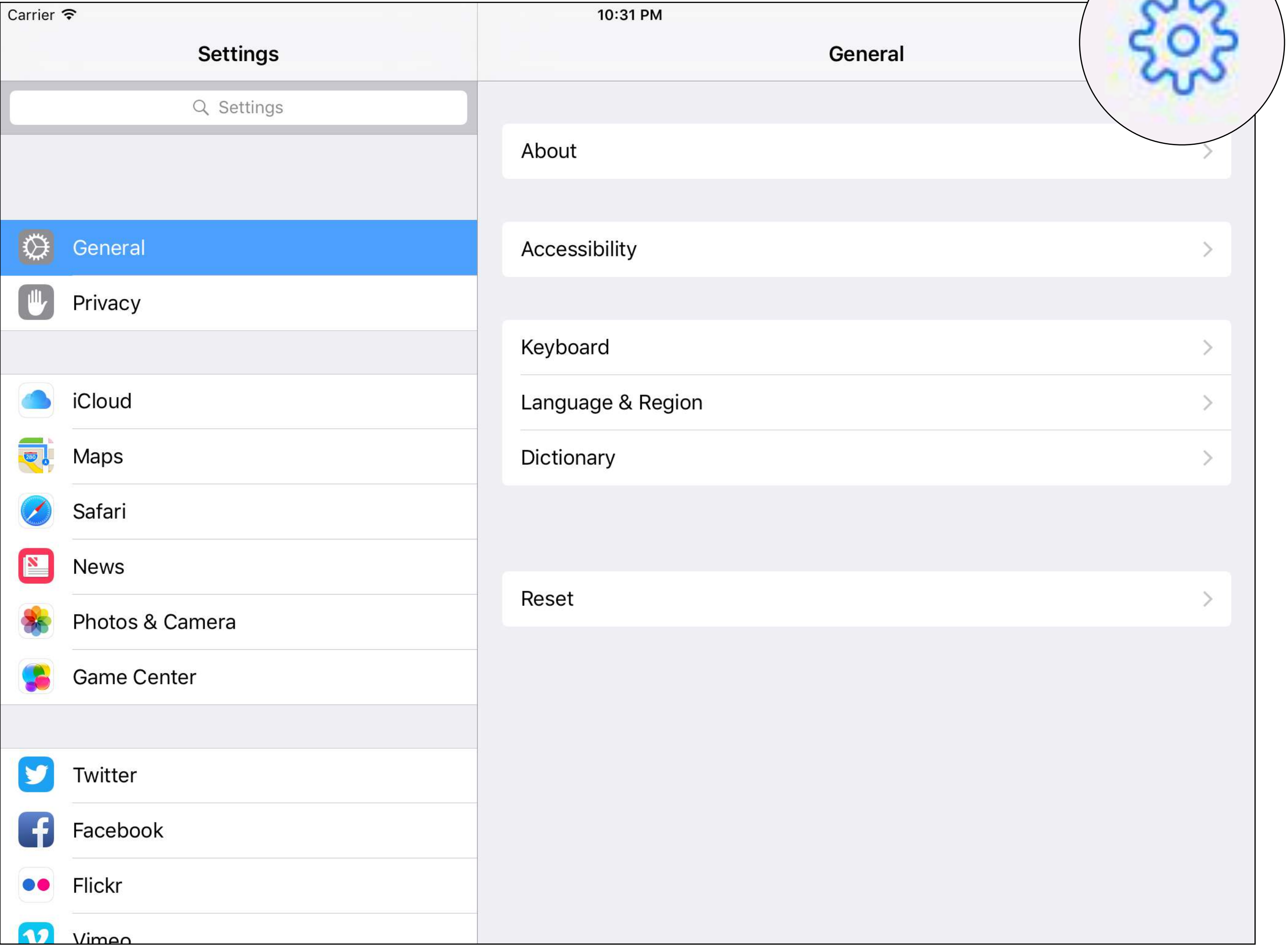
## Compact Height



# Regular Height



Erreichbarkeit



**Text: Layout**



Lorem ipsum dolor sit er elit lamet, consectetur cillum adipisicing pecu, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum. Nam liber te conscient to factor tum poen legum odioque civiuda.

Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Phasellus hendrerit venenatis libero, vitae sodales lacus elementum eget. Duis sit amet risus ac nunc blandit lobortis vel sed nibh. Suspendisse laoreet odio ac ligula aliquam scelerisque. Nulla volutpat consectetur sem tincidunt cursus. In ac justo in libero.

Fusce tincidunt erat sit amet magna porttitor nec iaculis diam varius. Aliquam eget odio leo. Sed faucibus, libero non consectetur tristique, metus leo tempus libero, quis ornare felis purus in odio. Proin metus arcu, dictum id faucibus gravida, pulvinar ut metus. Mauris nisl sapien, cursus nec auctor quis, bibendum vitae.

Etiam id nisl libero, nec consequat dolor. Fusce id ornare enim. Praesent viverra rutrum erat, eu gravida erat scelerisque at. Donec sed lectus leo. Nunc vel volutpat libero. Maecenas euismod molestie neque non feugiat. Vestibulum hendrerit lorem leo, condimentum imperdiet velit. Quisque urna nisi, faucibus id placerat hendrerit, rutrum id.

Praesent sit amet nisl purus, ut vulputate velit. Vivamus vestibulum dictum ante, posuere mattis ipsum molestie sit amet. Sed tempus ornare ante, at mollis ante dapibus vel. Nullam viverra rhoncus mauris, eu congue ipsum dignissim ac. Morbi et dolor condimentum justo vestibulum eleifend. Suspendisse blandit imperdiet purus, ut lacinia ipsum.

Lorem ipsum dolor sit er elit lamet, consectetur cillum adipisicing pecu, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum. Nam liber te conscient to factor tum poen legum odioque civiuda.

Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Phasellus hendrerit venenatis libero, vitae sodales lacus elementum eget. Duis sit amet risus ac nunc blandit lobortis vel sed nibh. Suspendisse laoreet odio ac ligula aliquam scelerisque. Nulla volutpat consectetur sem tincidunt cursus. In ac justo in libero.

Fusce tincidunt erat sit amet magna porttitor nec iaculis diam varius. Aliquam eget odio leo. Sed faucibus, libero non consectetur tristique, metus leo tempus libero, quis ornare felis purus in odio. Proin metus arcu, dictum id faucibus gravida, pulvinar ut metus. Mauris nisl sapien, cursus nec auctor quis, bibendum vitae.

Etiam id nisl libero, nec consequat dolor. Fusce id ornare enim. Praesent viverra rutrum erat, eu gravida erat scelerisque at. Donec sed lectus leo. Nunc vel volutpat libero. Maecenas euismod molestie neque non feugiat. Vestibulum hendrerit lorem leo, condimentum imperdiet velit. Quisque urna nisi, faucibus id placerat hendrerit, rutrum id.

Praesent sit amet nisl purus, ut vulputate velit. Vivamus vestibulum dictum ante, posuere mattis ipsum molestie sit amet. Sed tempus ornare ante, at mollis ante dapibus vel. Nullam viverra rhoncus mauris, eu congue ipsum dignissim ac. Morbi et dolor condimentum justo vestibulum eleifend. Suspendisse blandit imperdiet purus, ut lacinia ipsum.

# Readable Content Layout Guide



Carrier

11:14 PM

65%

Lorem ipsum dolor sit er elit lamet, consectetur cillum adipisicing pecu, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum. Nam liber te conscient to factor tum poen legum odioque civiuda.

Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Phasellus hendrerit venenatis libero, vitae sodales lacus elementum eget. Duis sit amet risus ac nunc blandit lobortis vel sed nibh. Suspendisse laoreet odio ac ligula aliquam scelerisque. Nulla volutpat consectetur sem tincidunt cursus. In ac justo in libero.

Fusce tincidunt erat sit amet magna porttitor nec iaculis diam varius. Aliquam eget odio leo. Sed faucibus, libero non consectetur tristique, metus leo tempus libero, quis ornare felis purus in odio. Proin metus arcu, dictum id faucibus gravida, pulvinar ut metus. Mauris nisl sapien, cursus nec auctor quis, bibendum vitae.

Etiam id nisl libero, nec consequat dolor. Fusce id ornare enim. Praesent viverra rutrum erat, eu gravida erat scelerisque at. Donec sed lectus leo. Nunc vel volutpat libero. Maecenas euismod molestie neque non feugiat. Vestibulum hendrerit lorem leo, condimentum imperdiet velit. Quisque urna nisi, faucibus id placerat hendrerit, rutrum id.

Praesent sit amet nisl purus, ut vulputate velit. Vivamus vestibulum dictum ante, posuere mattis ipsum molestie sit amet. Sed tempus ornare ante, at mollis ante dapibus vel. Nullam viverra rhoncus mauris, eu congue ipsum dignissim ac. Morbi et dolor condimentum justo vestibulum eleifend. Suspendisse blandit imperdiet purus, ut lacinia ipsum.

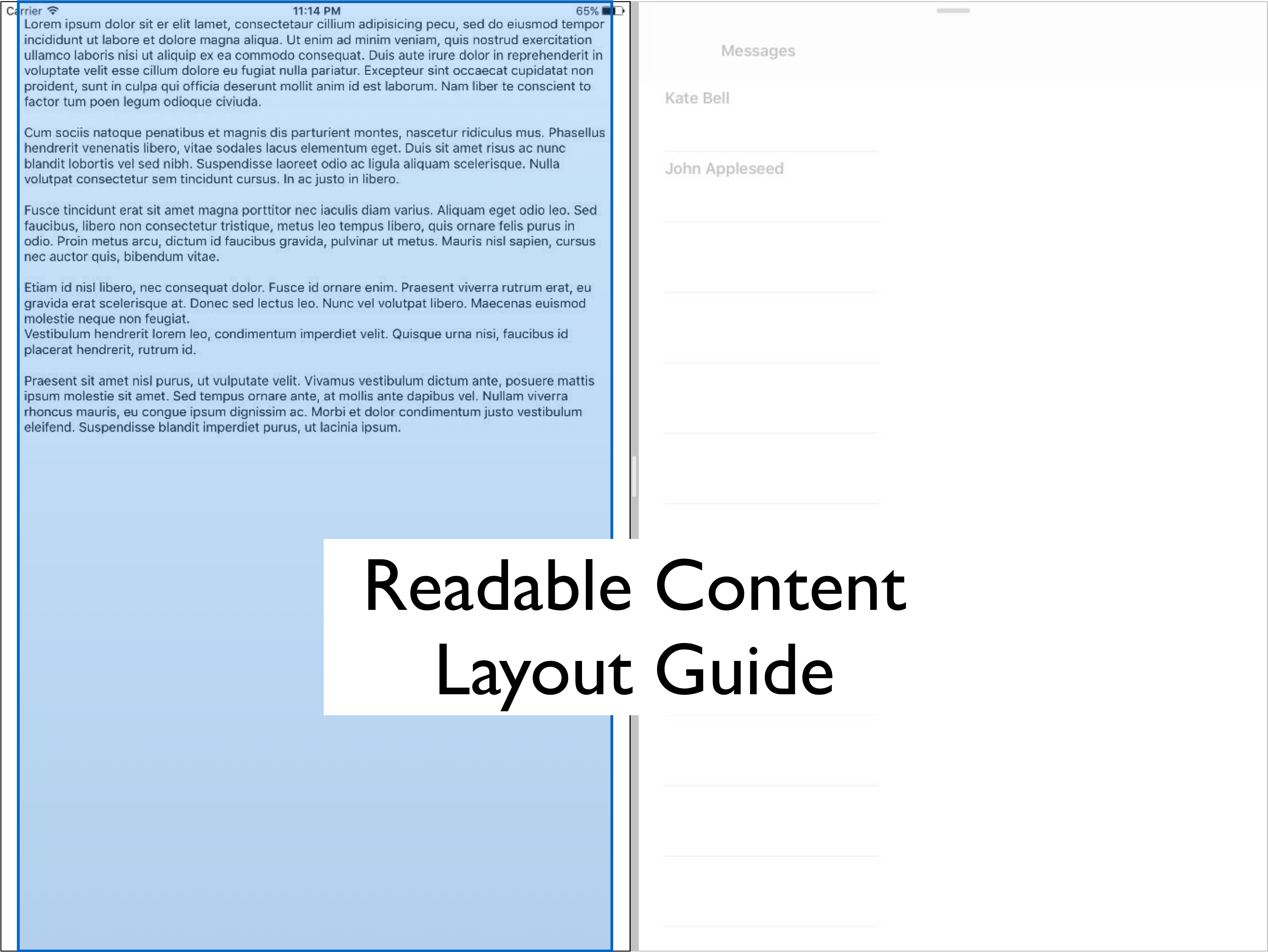
Messages

KB Kate Bell >

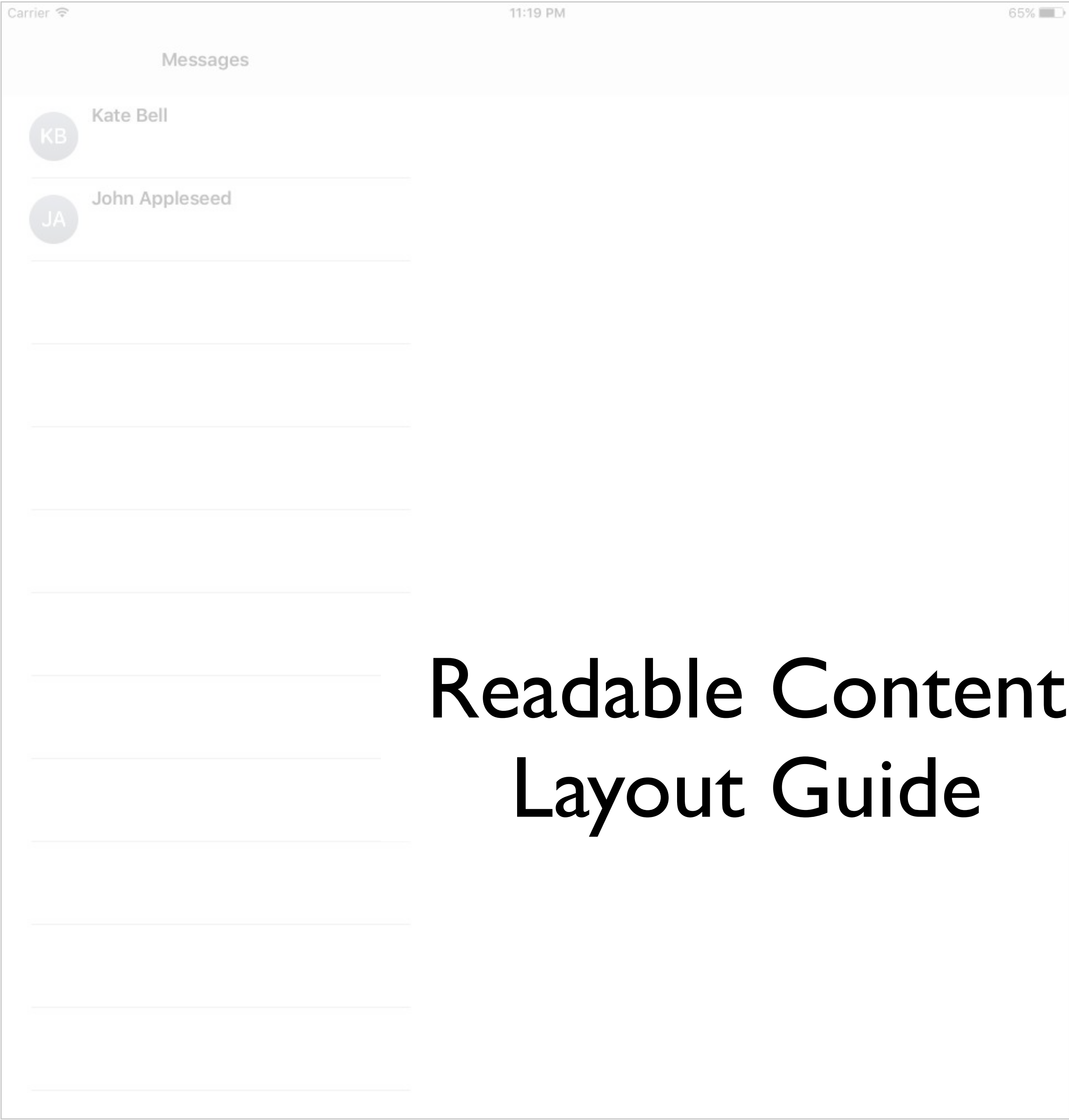
JA John Appleseed >

Readable Content  
Layout Guide









Lorem ipsum dolor sit er elit lamet, consectetur cillum adipisicing pecu, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum. Nam liber te conscient to factor tum poen legum odioque civiuda.

Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Phasellus hendrerit venenatis libero, vitae sodales lacus elementum eget. Duis sit amet risus ac nunc blandit lobortis vel sed nibh. Suspendisse laoreet odio ac ligula aliquam scelerisque. Nulla volutpat consectetur sem tincidunt cursus. In ac justo in libero.

Fusce tincidunt erat sit amet magna porttitor nec iaculis diam varius. Aliquam eget odio leo. Sed faucibus, libero non consectetur tristique, metus leo tempus libero, quis ornare felis purus in odio. Proin metus arcu, dictum id faucibus gravida, pulvinar ut metus. Mauris nisl sapien, cursus nec auctor quis, bibendum vitae.

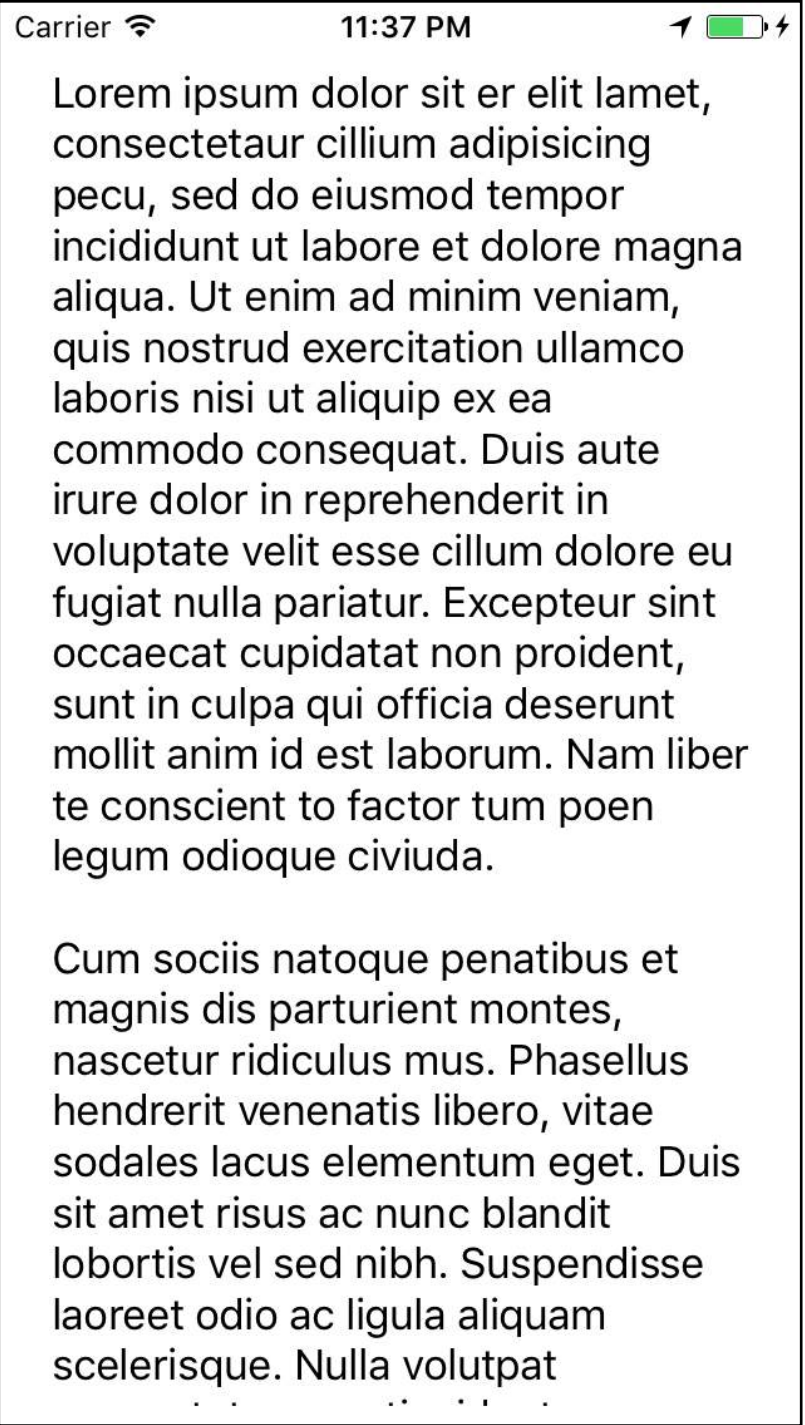
Etiam id nisl libero, nec consequat dolor. Fusce id ornare enim. Praesent viverra rutrum erat, eu gravida erat scelerisque at. Donec sed lectus leo. Nunc vel volutpat libero. Maecenas euismod molestie neque non feugiat.

Vestibulum hendrerit lorem leo, condimentum imperdiet velit. Quisque urna nisi, faucibus id placerat hendrerit, rutrum id.

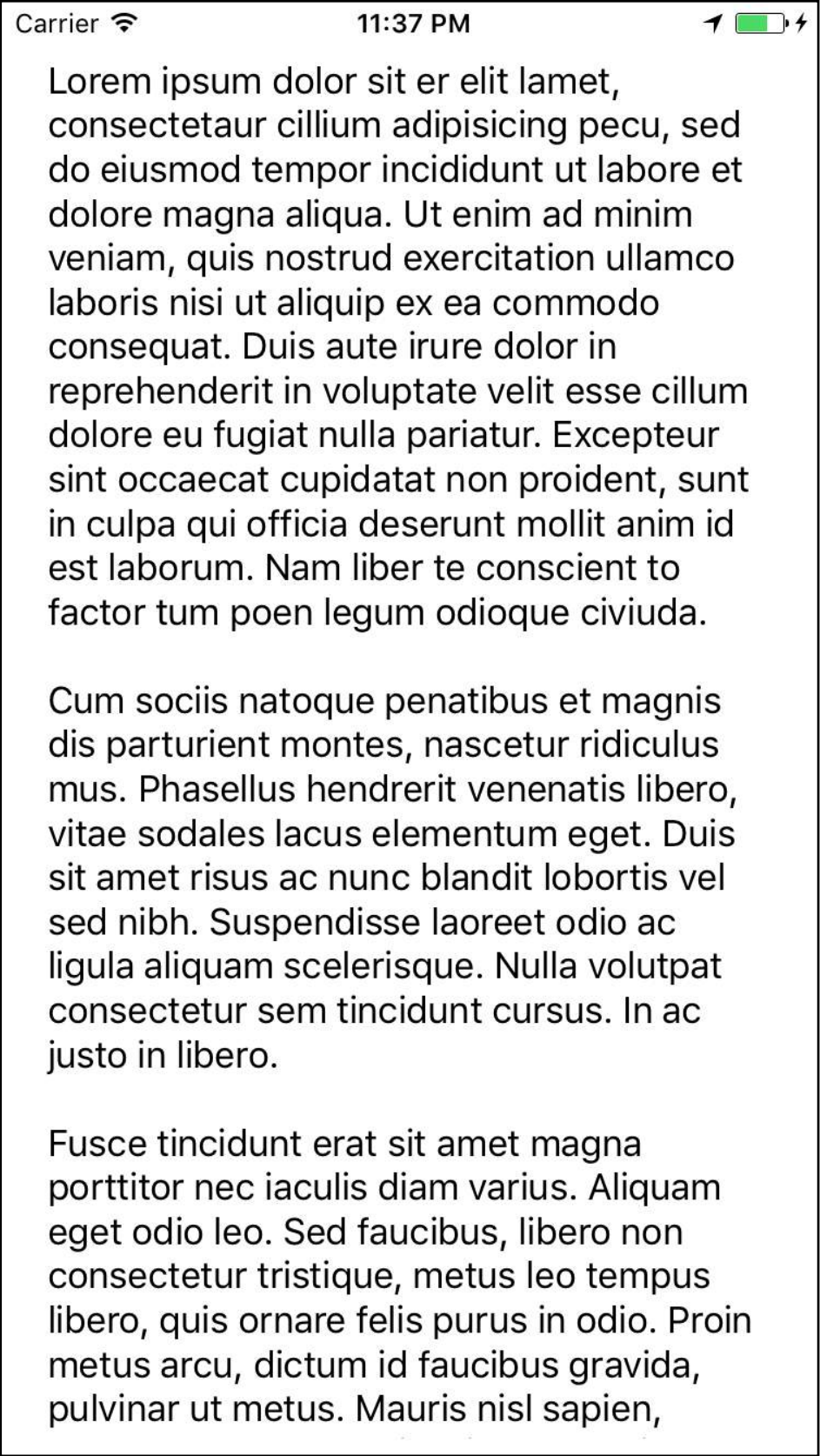
Praesent sit amet nisl purus, ut vulputate velit. Vivamus vestibulum dictum ante, posuere mattis possum molestie sit amet. Sed tempus ornare ante, ut mollis ante dapibus vel. Nullam viverra rhoncus mauris, eu congue ipsum dignissim ac. Morbi et dolor condimentum justo vestibulum eleifend. Suspendisse blandit imperdiet purus, ut lacinia ipsum.

Text: Größe

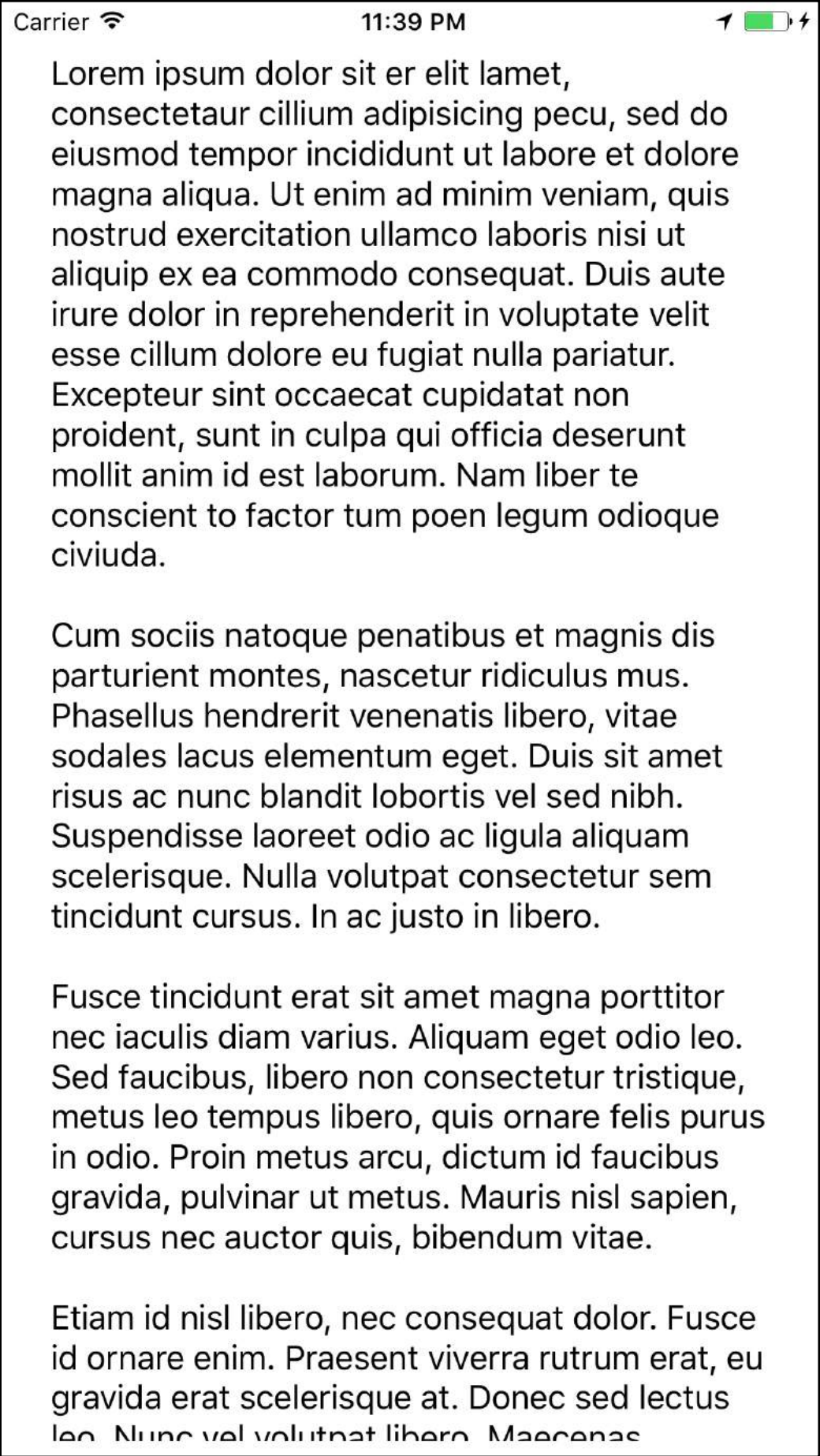




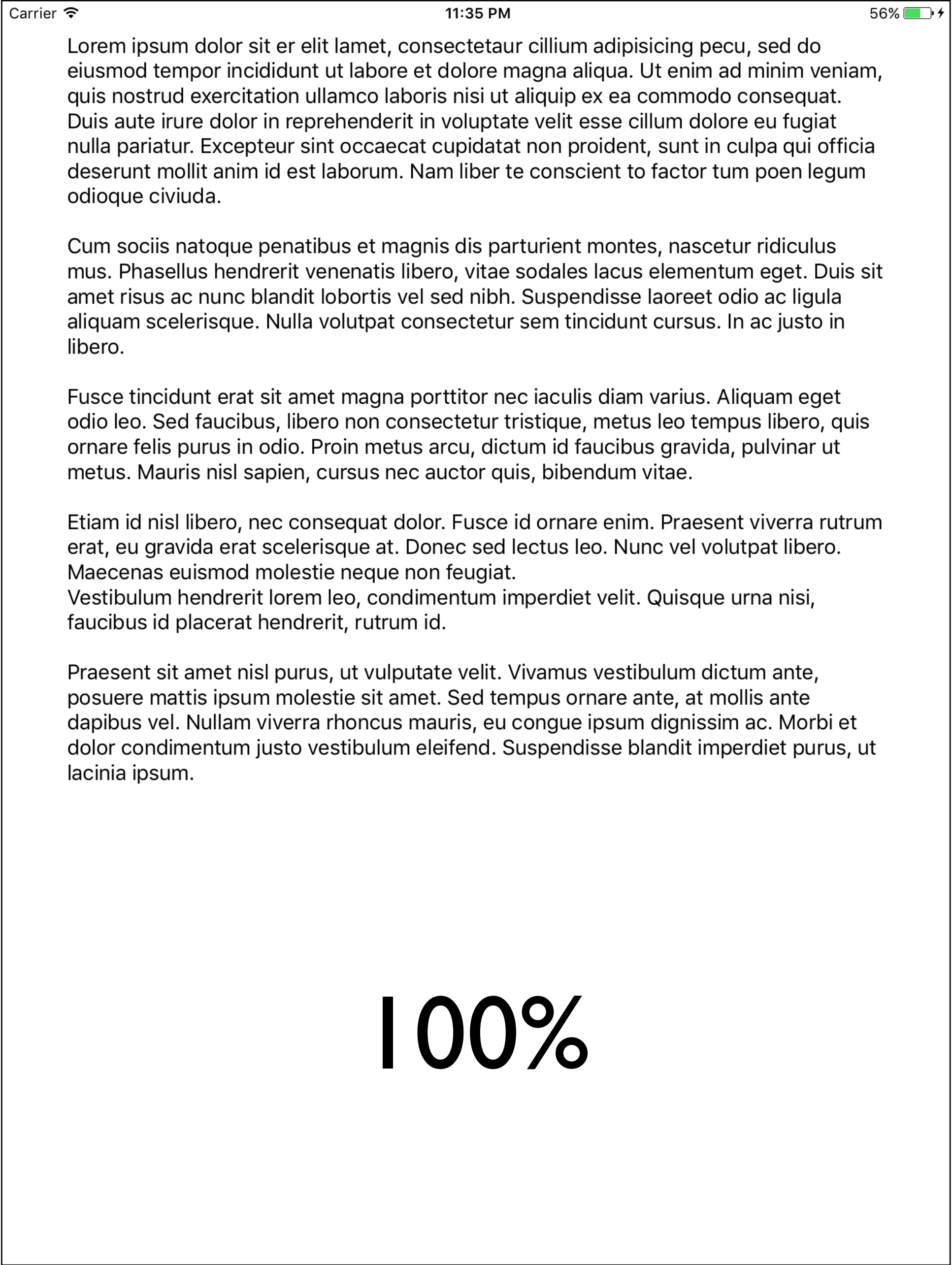
100%



100%



100%



100%



Carrier

11:38 PM

Lorem ipsum dolor sit er elit lamet, consectetur cillum adipisicing pecu, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum. Nam liber te conscient to factor tum poen legum odioque civiuda.

Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Phasellus hendrerit venenatis libero, vitae sodales lacus elementum eget. Duis sit amet risus ac nunc blandit lobortis vel sed nibh. Suspendisse laoreet odio ac ligula aliquam scelerisque. Nulla volutpat consectetur sem tincidunt cursus. In ac justo in libero.

Fusce tincidunt erat sit amet magna porttitor nec iaculis diam varius. Aliquam eget odio leo. Sed faucibus, libero non consectetur tristique, metus leo tempus libero, quis ornare felis purus in odio. Proin metus arcu, dictum id faucibus

Carrier

11:37 PM

Lorem ipsum dolor sit er elit lamet, consectetur cillum adipisicing pecu, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum. Nam liber te conscient to factor tum poen legum odioque civiuda.

Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Phasellus hendrerit venenatis libero, vitae sodales lacus elementum eget. Duis sit amet risus ac nunc blandit lobortis vel sed nibh. Suspendisse laoreet odio ac ligula aliquam scelerisque. Nulla volutpat consectetur sem tincidunt cursus. In ac justo in libero.

Fusce tincidunt erat sit amet magna porttitor nec iaculis diam varius. Aliquam eget odio leo. Sed faucibus, libero non consectetur tristique, metus leo tempus libero, quis ornare felis purus in odio. Proin metus arcu, dictum id faucibus gravida, pulvinar ut metus. Mauris nisl sapien, cursus nec auctor quis, bibendum vitae.

Etiam id nisl libero, nec consequat dolor. Fusce id ornare enim. Praesent viverra rutrum erat, eu gravida erat scelerisque at. Donec sed lectus leo. Nunc vel volutnat libero. Maecenas

Carrier

11:36 PM

Lorem ipsum dolor sit er elit lamet, consectetur cillum adipisicing pecu, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum. Nam liber te conscient to factor tum poen legum odioque civiuda.

Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Phasellus hendrerit venenatis libero, vitae sodales lacus elementum eget. Duis sit amet risus ac nunc blandit lobortis vel sed nibh. Suspendisse laoreet odio ac ligula aliquam scelerisque. Nulla volutpat consectetur sem tincidunt cursus. In ac justo in libero.

Fusce tincidunt erat sit amet magna porttitor nec iaculis diam varius. Aliquam eget odio leo. Sed faucibus, libero non consectetur tristique, metus leo tempus libero, quis ornare felis purus in odio. Proin metus arcu, dictum id faucibus gravida, pulvinar ut metus. Mauris nisl sapien, cursus nec auctor quis, bibendum vitae.

Etiam id nisl libero, nec consequat dolor. Fusce id ornare enim. Praesent viverra rutrum erat, eu gravida erat scelerisque at. Donec sed lectus leo. Nunc vel volutpat libero. Maecenas euismod molestie neque non feugiat. Vestibulum hendrerit lorem leo, condimentum imperdiet velit. Quisque urna nisi, faucibus id

Carrier

11:35 PM

56%

Lorem ipsum dolor sit er elit lamet, consectetur cillum adipisicing pecu, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum. Nam liber te conscient to factor tum poen legum odioque civiuda.

Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Phasellus hendrerit venenatis libero, vitae sodales lacus elementum eget. Duis sit amet risus ac nunc blandit lobortis vel sed nibh. Suspendisse laoreet odio ac ligula aliquam scelerisque. Nulla volutpat consectetur sem tincidunt cursus. In ac justo in libero.

Fusce tincidunt erat sit amet magna porttitor nec iaculis diam varius. Aliquam eget odio leo. Sed faucibus, libero non consectetur tristique, metus leo tempus libero, quis ornare felis purus in odio. Proin metus arcu, dictum id faucibus gravida, pulvinar ut metus. Mauris nisl sapien, cursus nec auctor quis, bibendum vitae.

Etiam id nisl libero, nec consequat dolor. Fusce id ornare enim. Praesent viverra rutrum erat, eu gravida erat scelerisque at. Donec sed lectus leo. Nunc vel volutpat libero. Maecenas euismod molestie neque non feugiat. Vestibulum hendrerit lorem leo, condimentum imperdiet velit. Quisque urna nisi, faucibus id placerat hendrerit, rutrum id.

Praesent sit amet nisl purus, ut vulputate velit. Vivamus vestibulum dictum ante, posuere mattis ipsum molestie sit amet. Sed tempus ornare ante, at mollis ante dapibus vel. Nullam viverra rhoncus mauris, eu congue ipsum dignissim ac. Morbi et dolor condimentum justo vestibulum eleifend. Suspendisse blandit imperdiet purus, ut lacinia ipsum.

85%

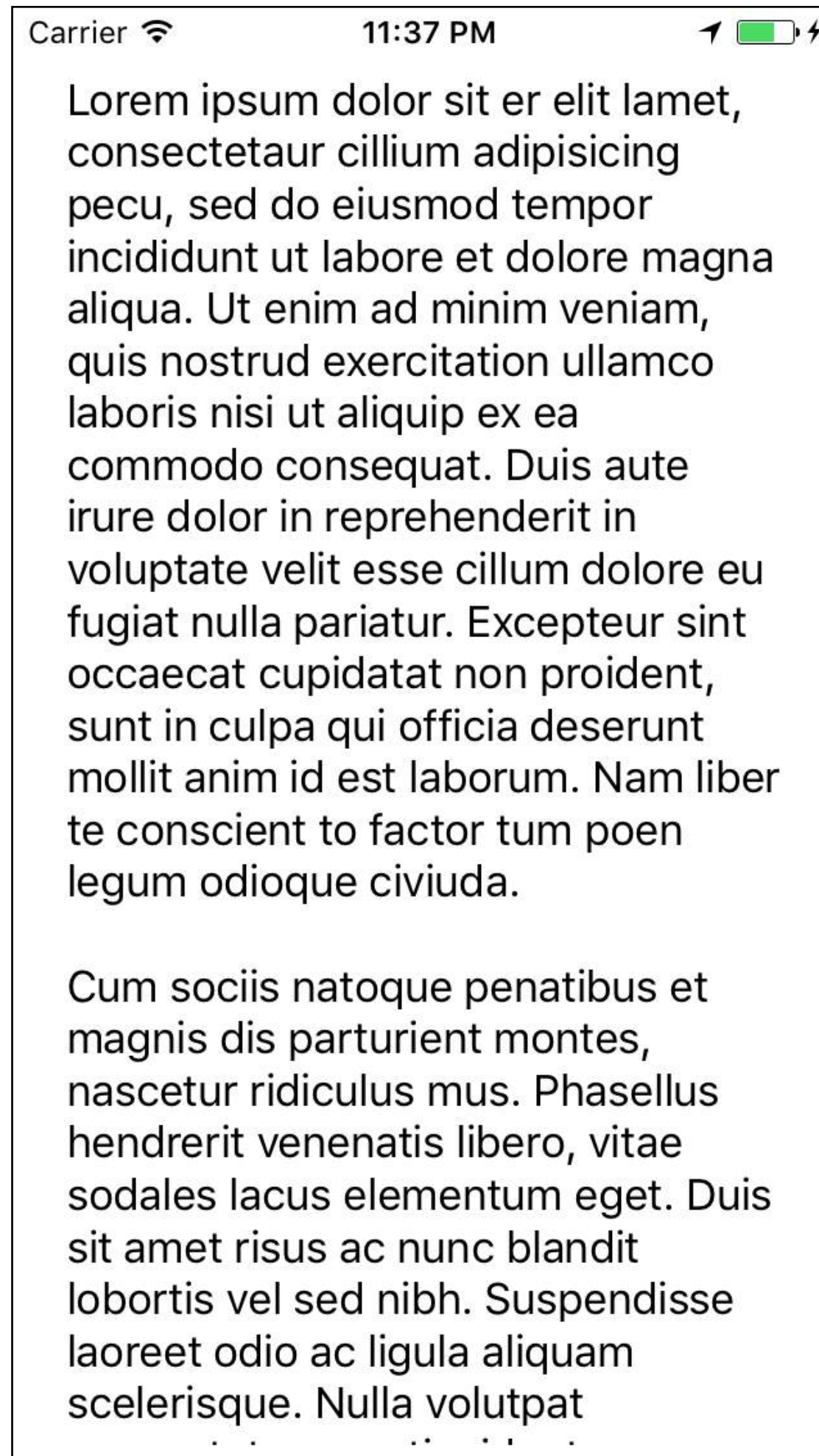
90%

95%

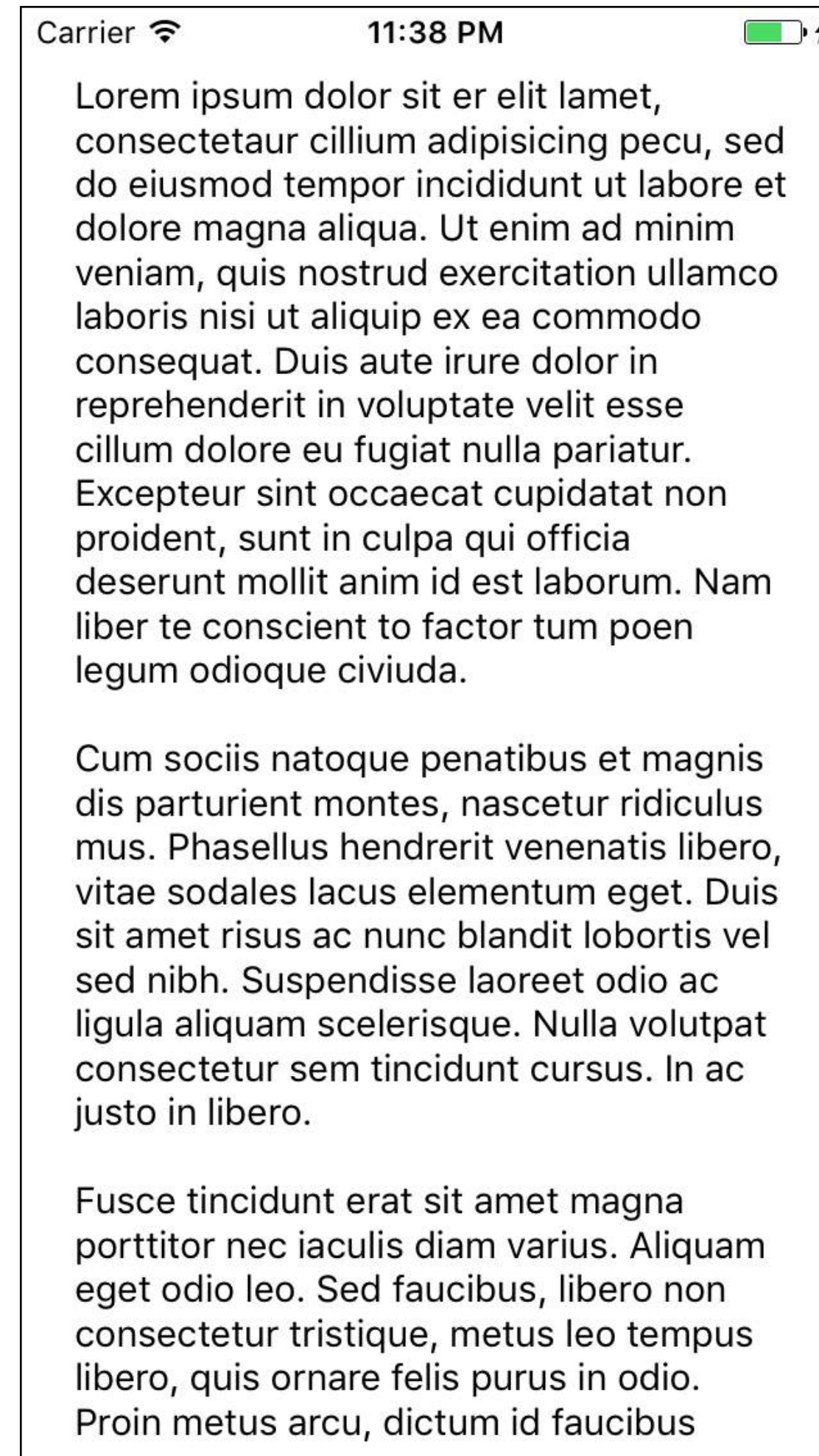
100%





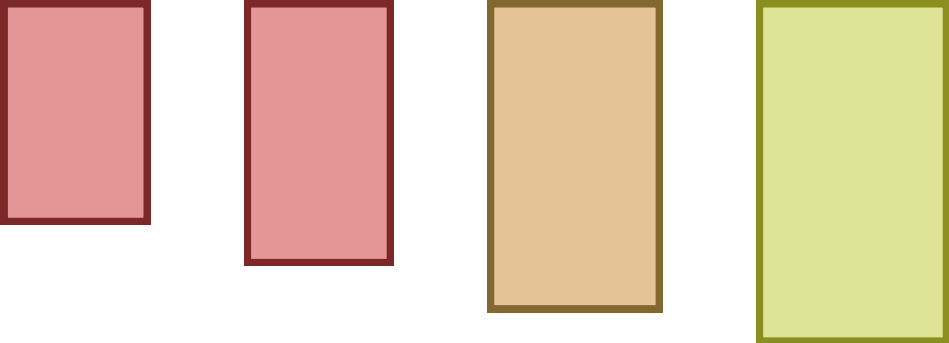
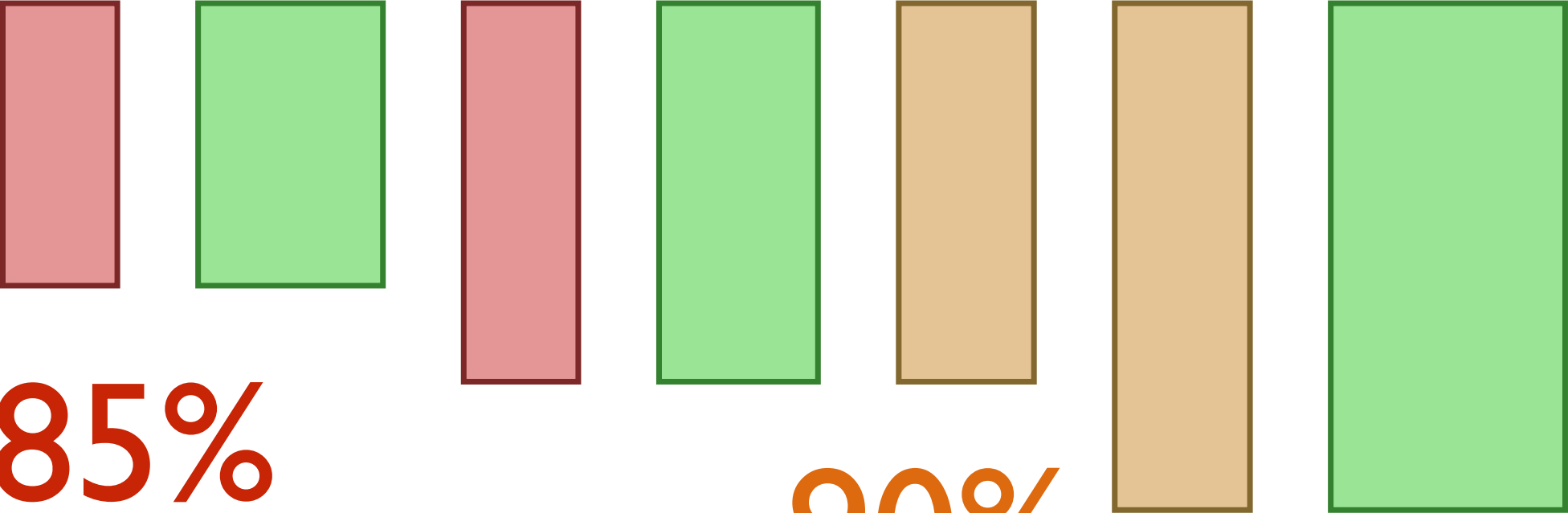

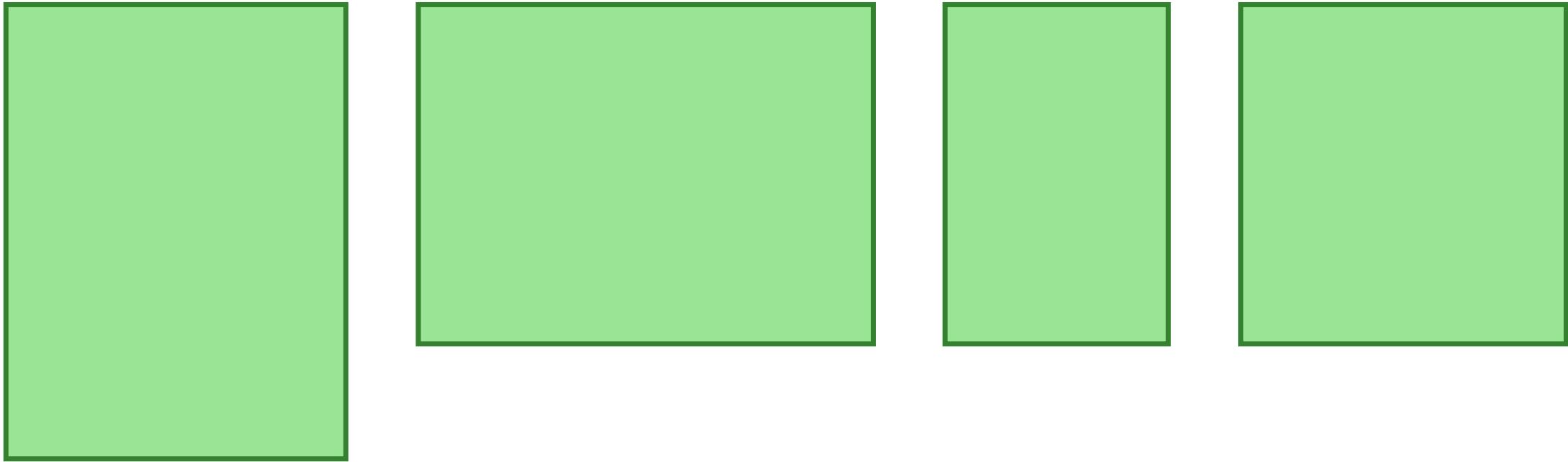
# 100%



# 85%

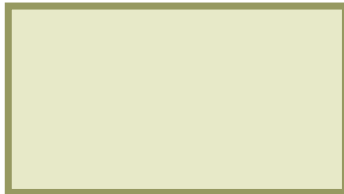
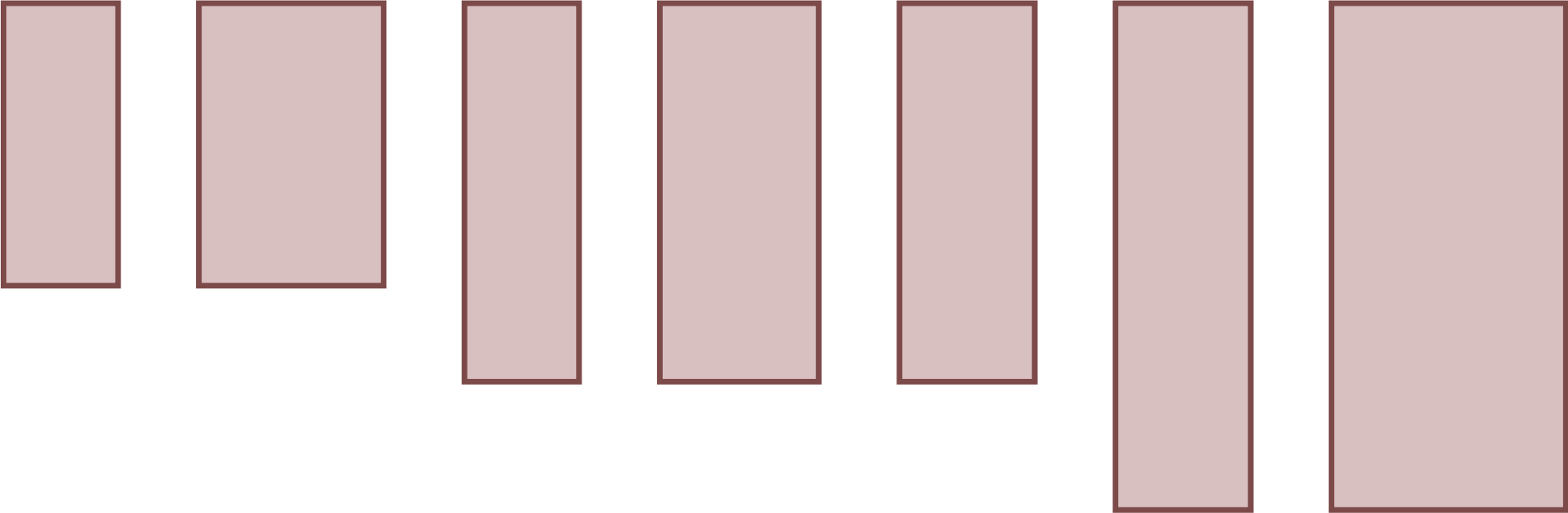





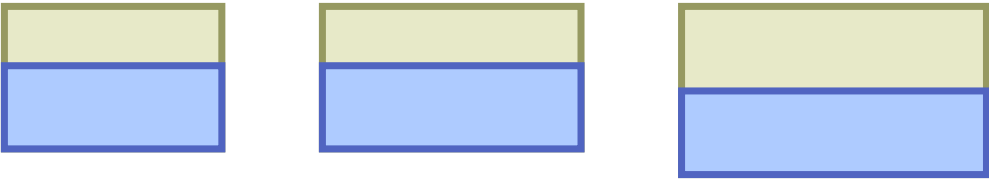
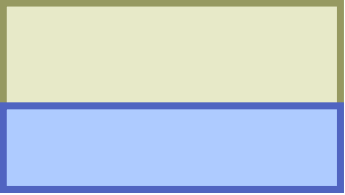
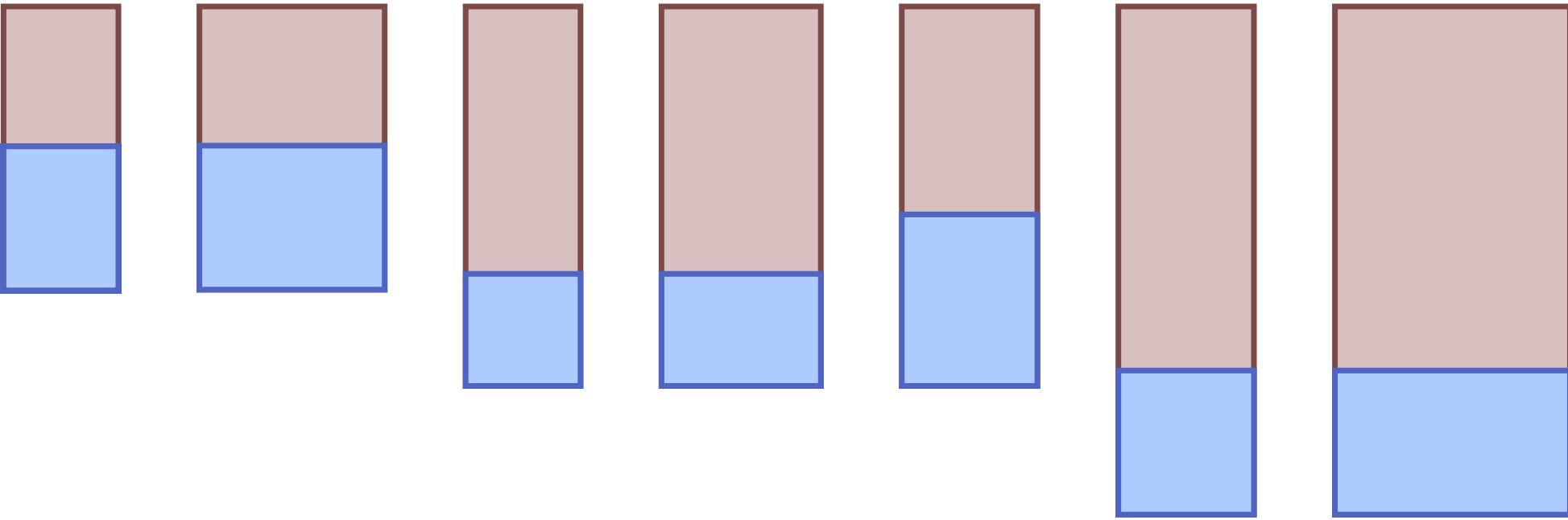
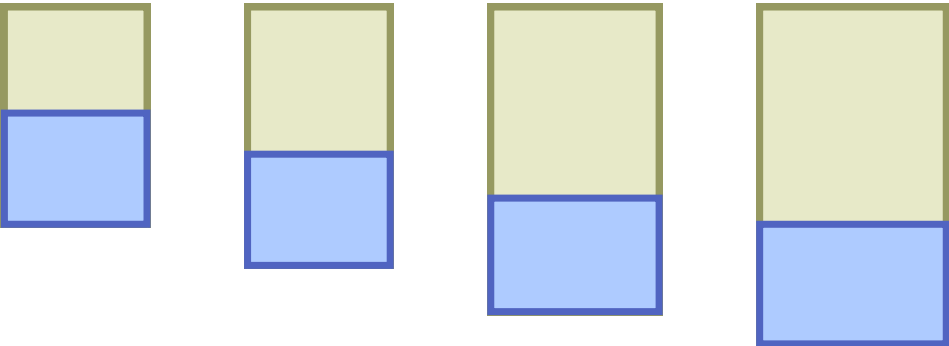
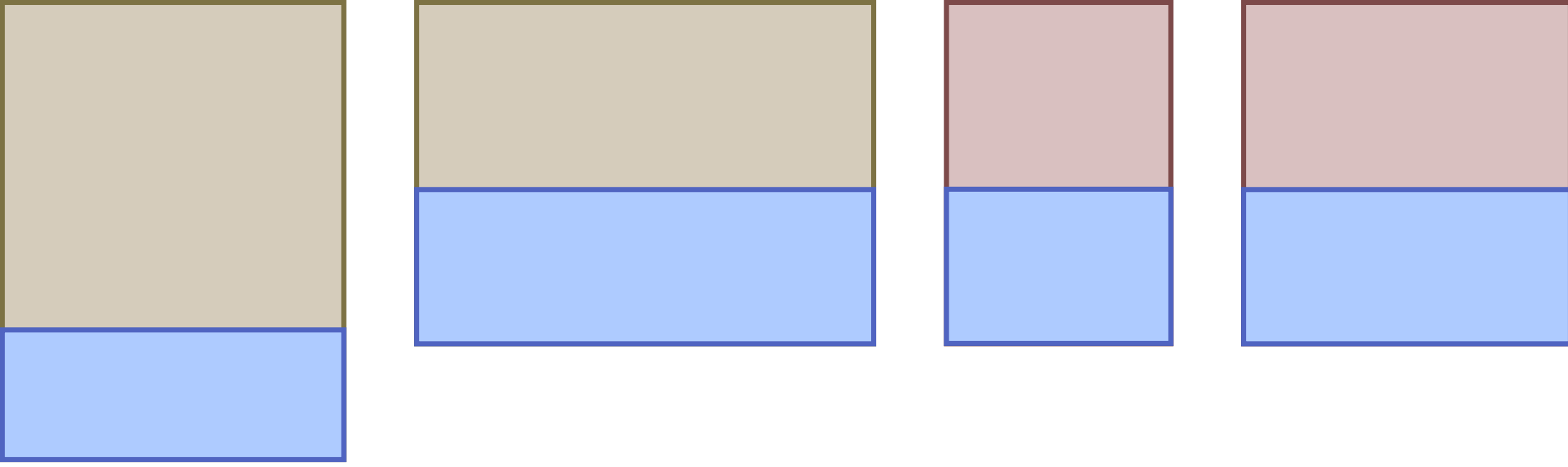
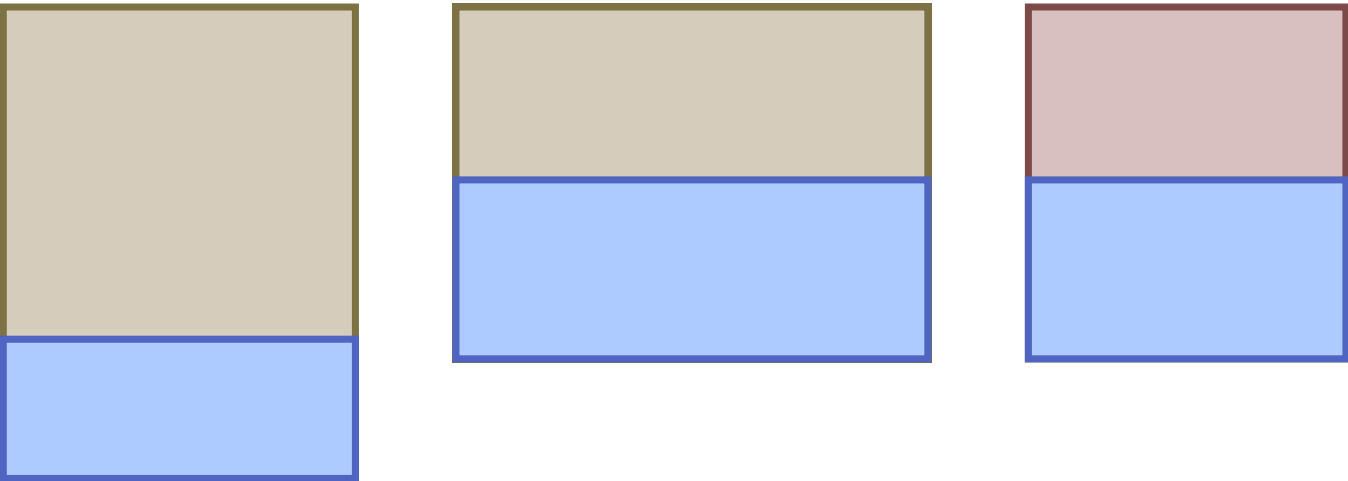
## Use-Case beachten! Hier: Fullscreen Text

	Compact Width	Regular Width
Compact Height		 100%
Regular Height	<div> 85%</div> <div> 90%</div>	<div></div> <div></div>

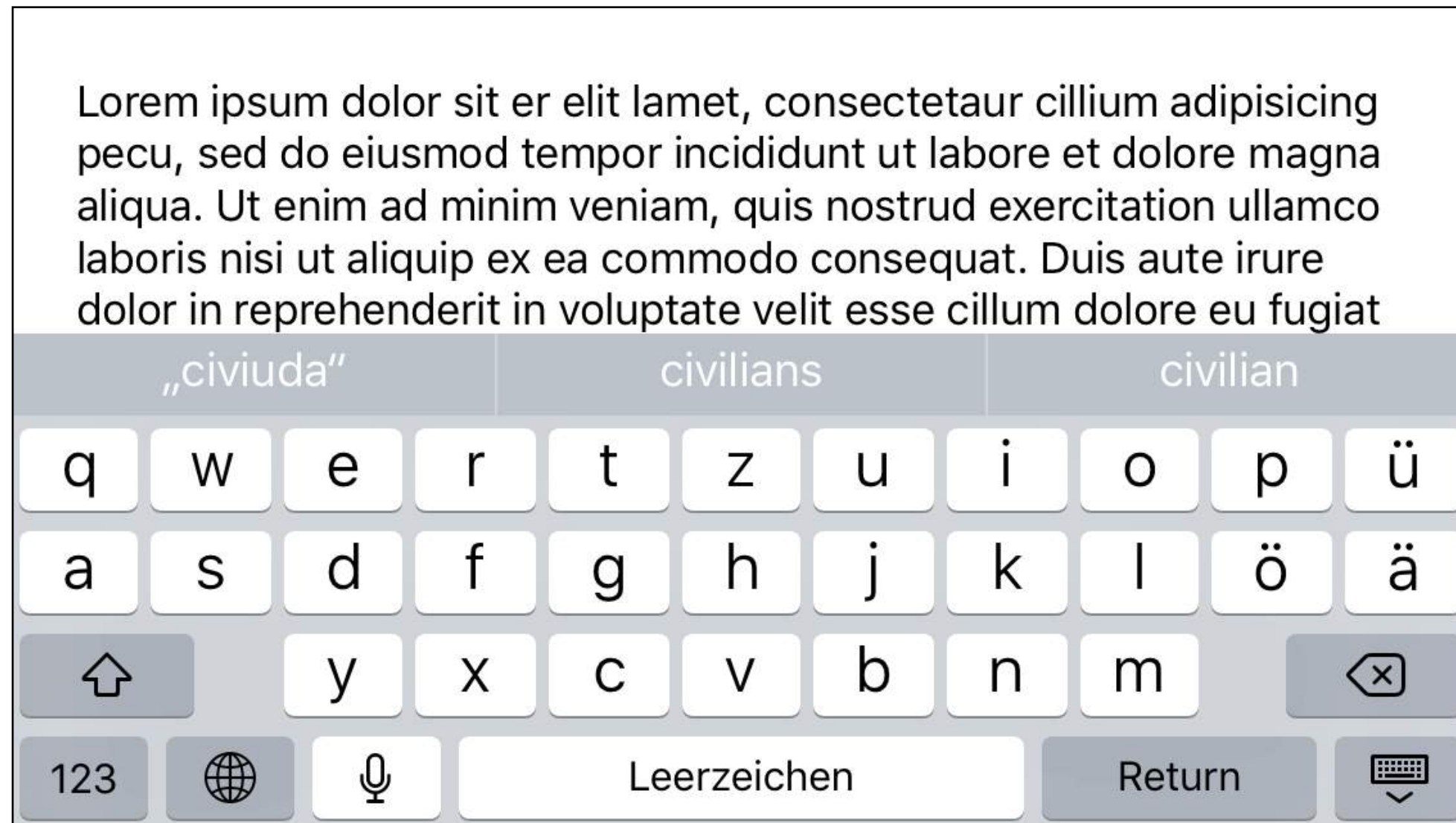


# Keyboards

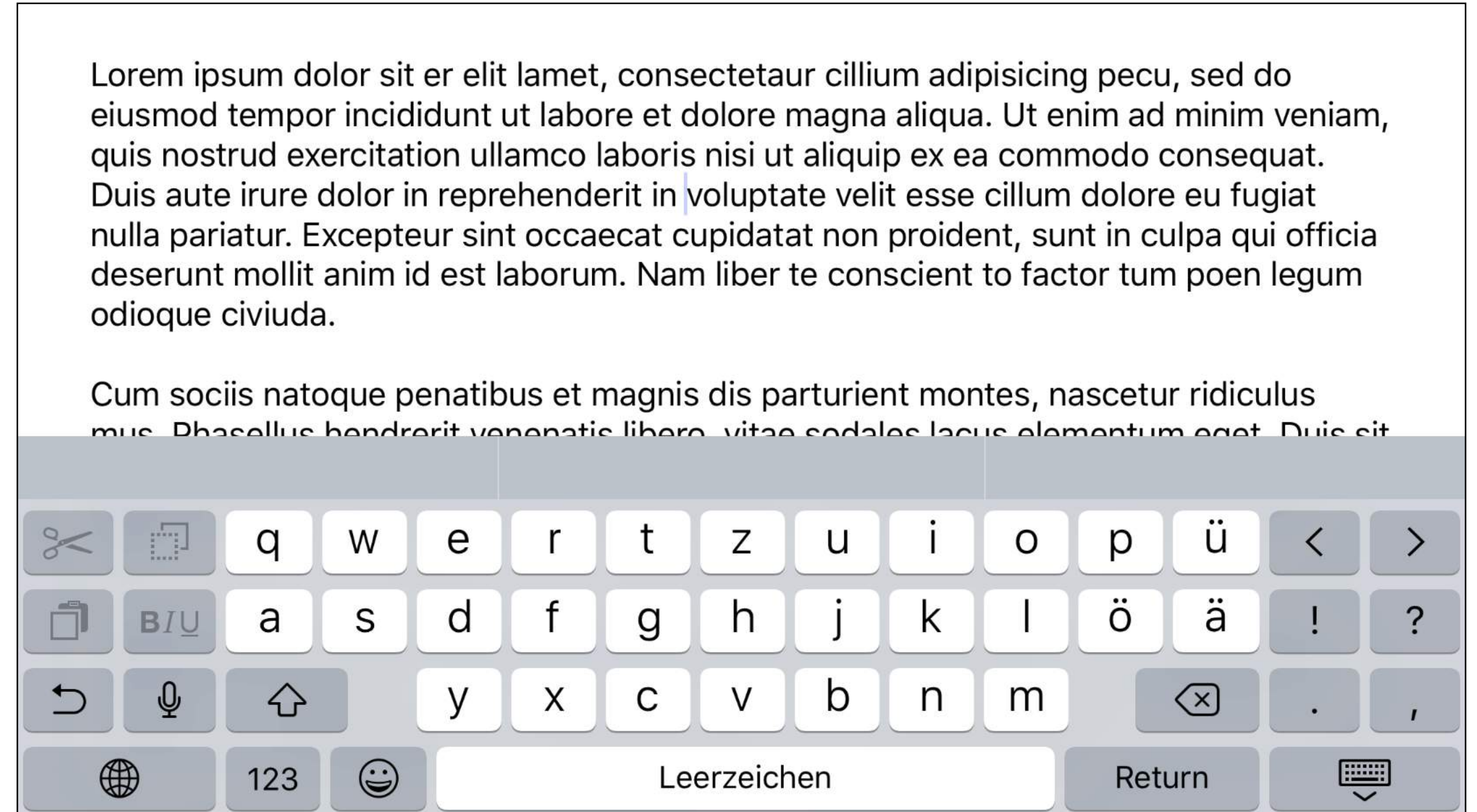
	Compact Width	Regular Width
Compact Height		
Regular Height	<div></div>	<div></div>

	Compact Width	Regular Width
Compact Height		
Regular Height	<div></div>	<div></div>

# Verfügbarer Platz



4.0”



5.5”

Sehr Wenig Platz

Wenig

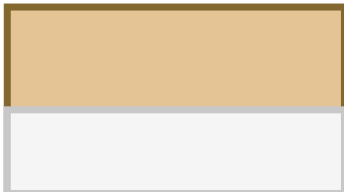
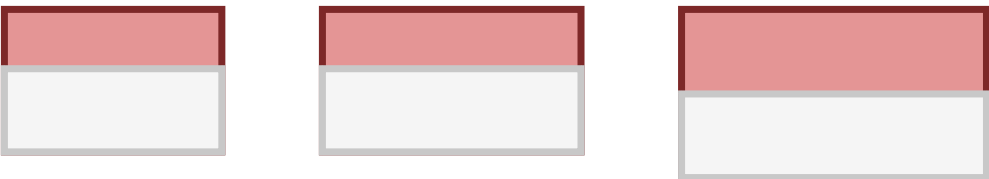
Mittel

Viel Platz

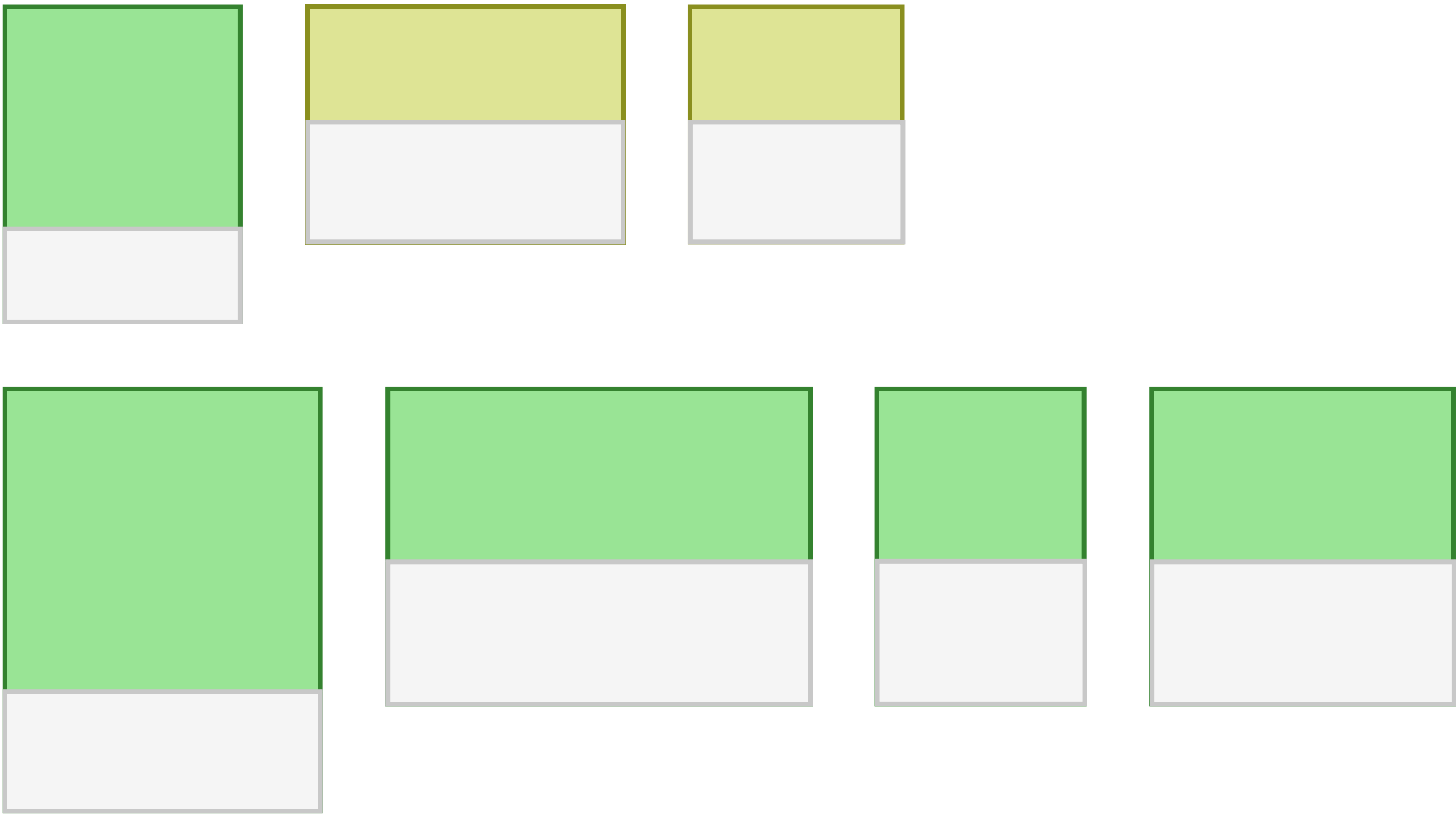
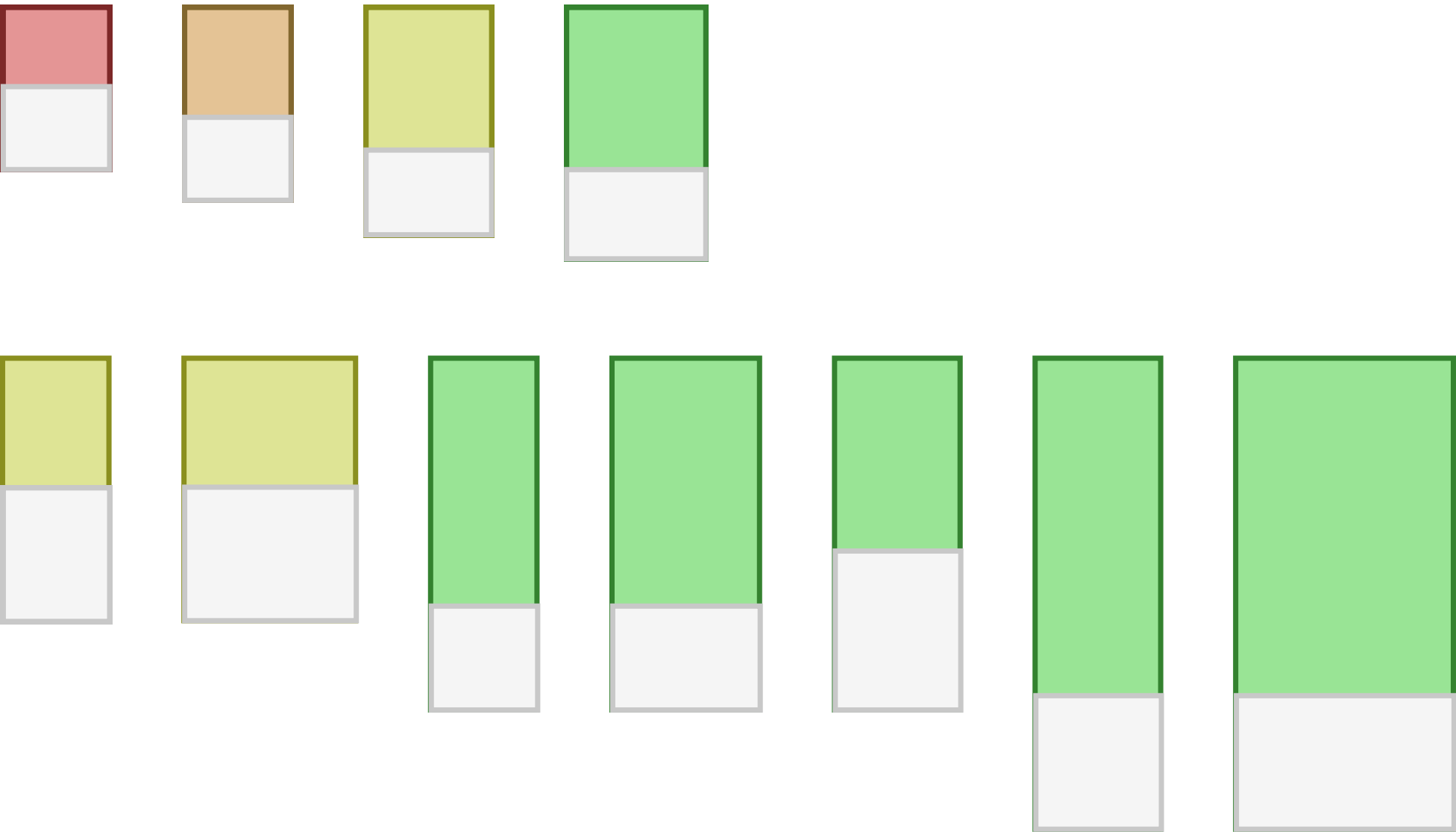
Compact Width

Regular Width

Compact Height



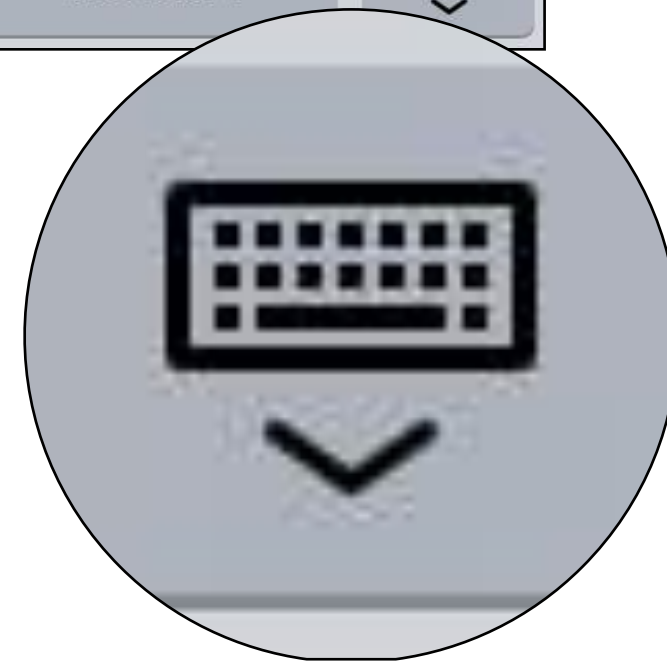
Regular Height



# Keyboard Dismiss



iOS 10



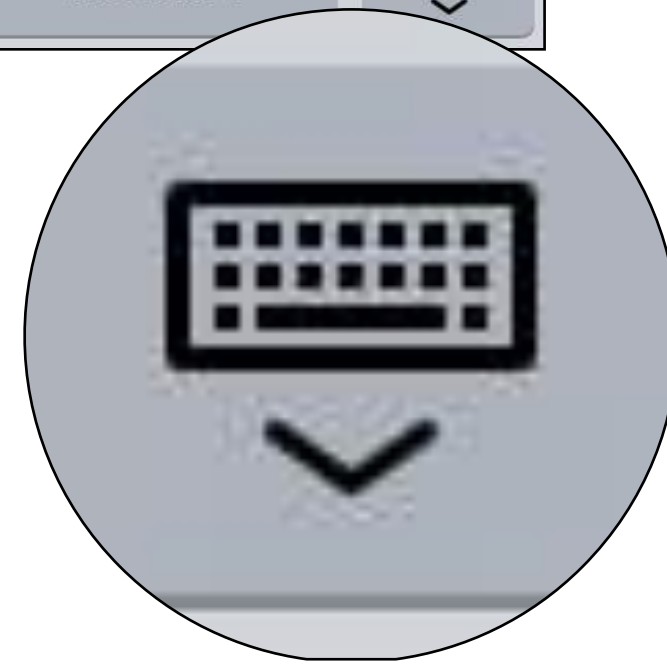
iOS 9



# Keyboard Dismiss



iOS 10



iOS 9



# Keyboard Dismiss



5.5"



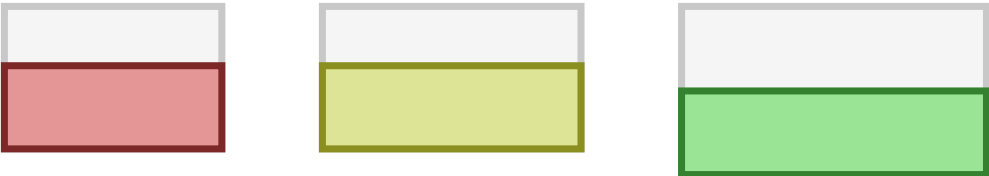
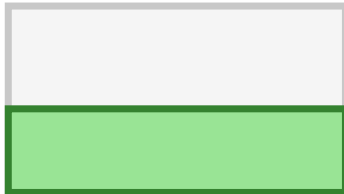
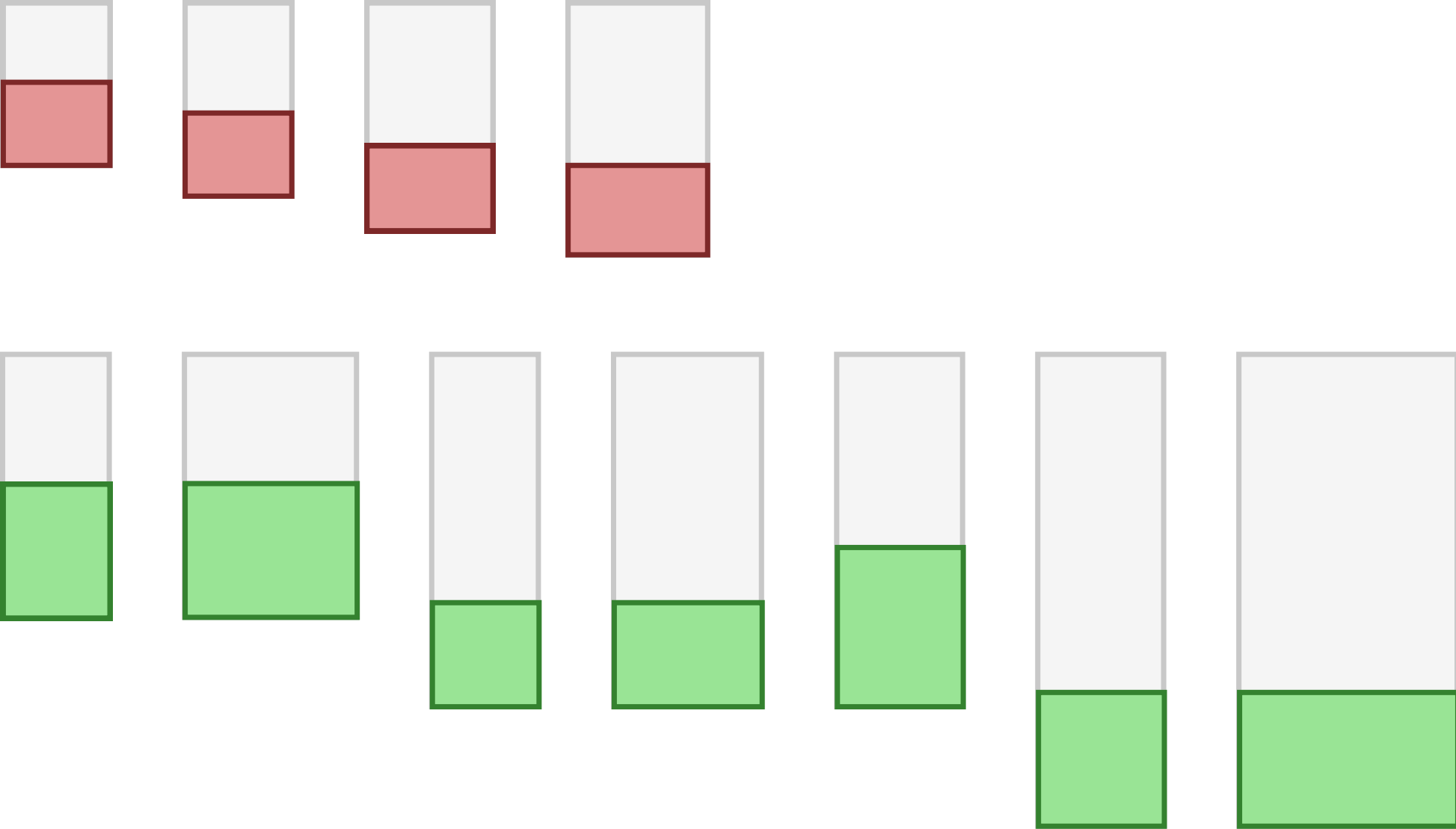
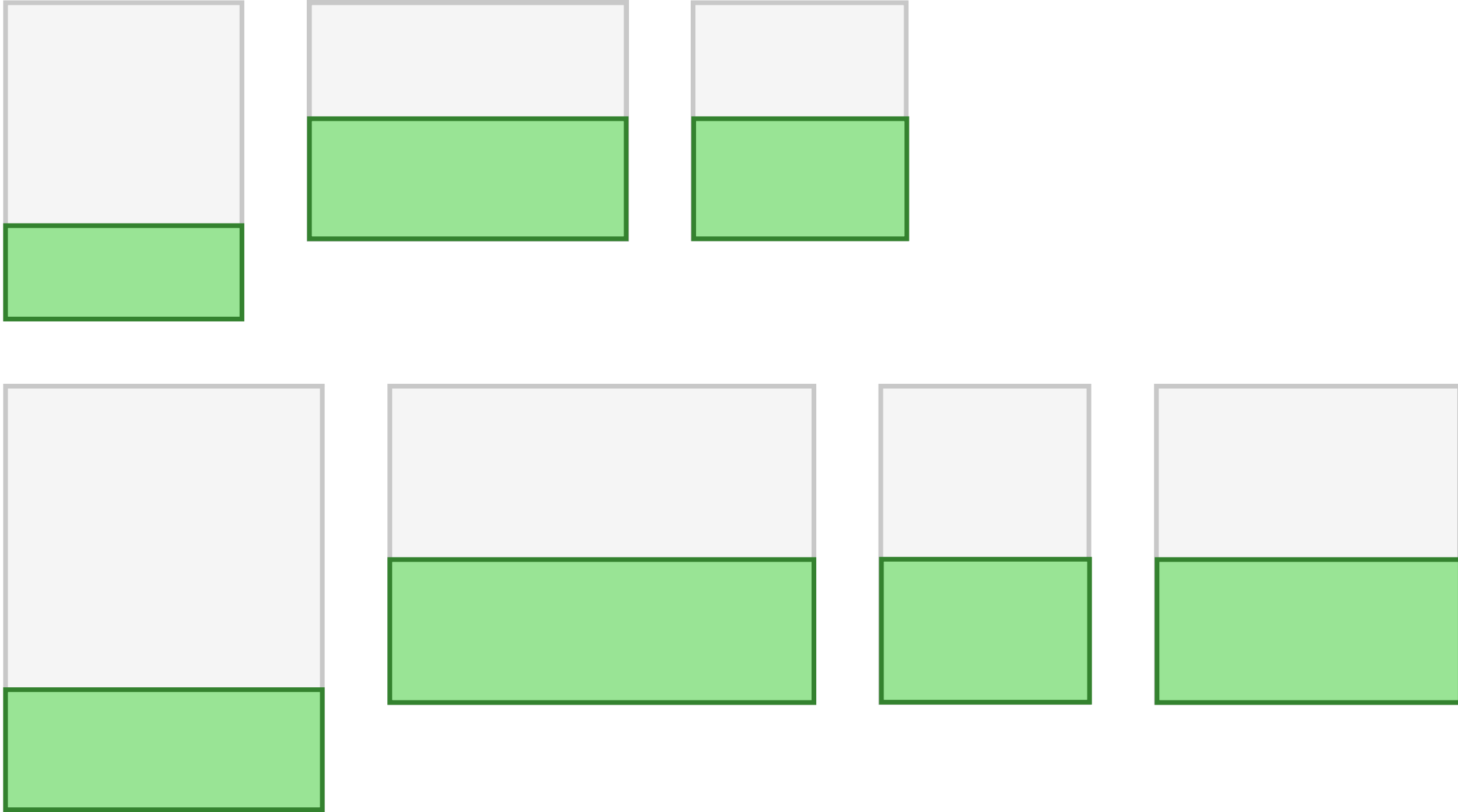
4.0"



Dismiss Vorhanden

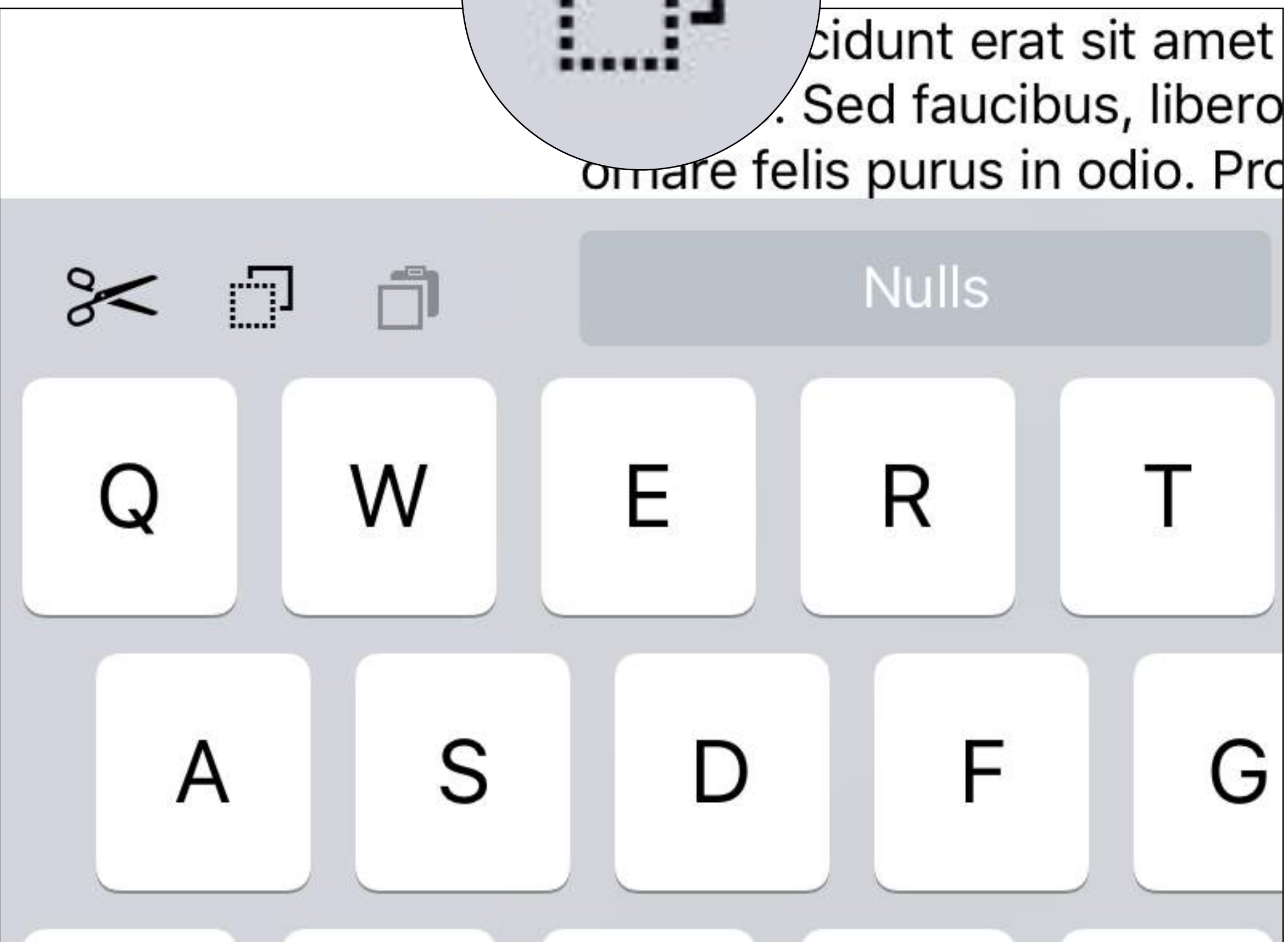
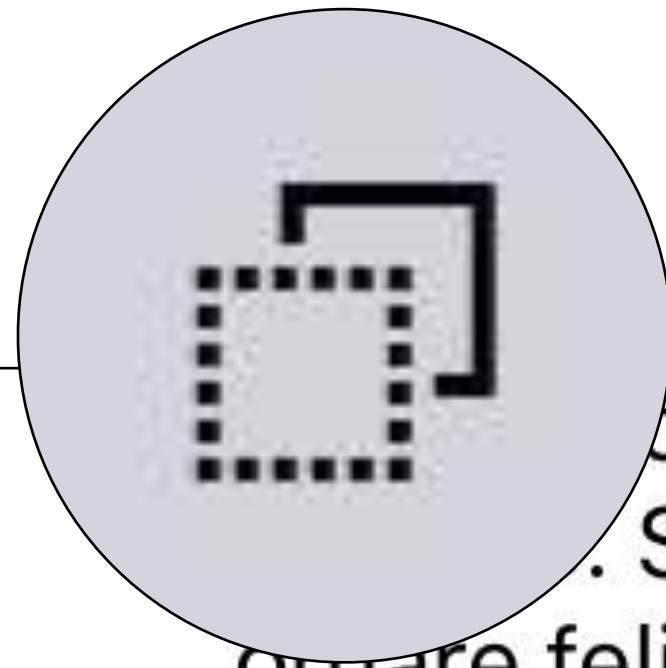
Seit iOS 10

Kein Dismiss

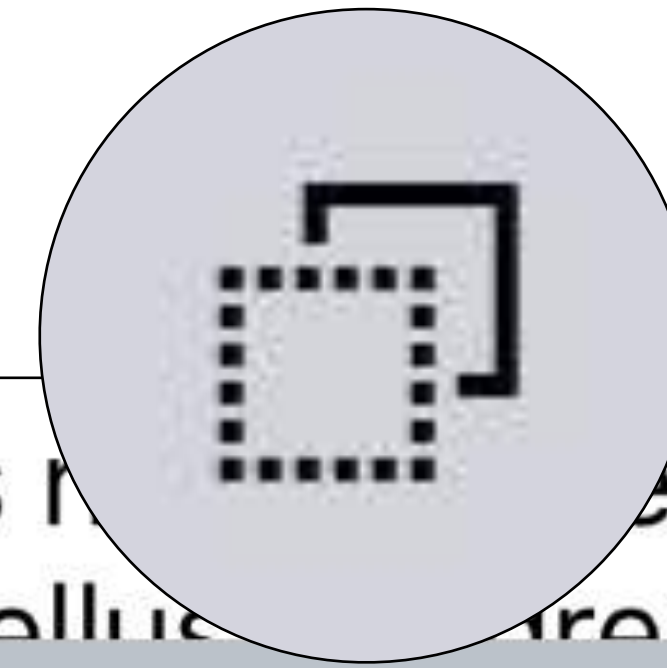
	Compact Width	Regular Width
Compact Height		
Regular Height		

# Cut, Copy, Paste & Undo/Redo

iPad



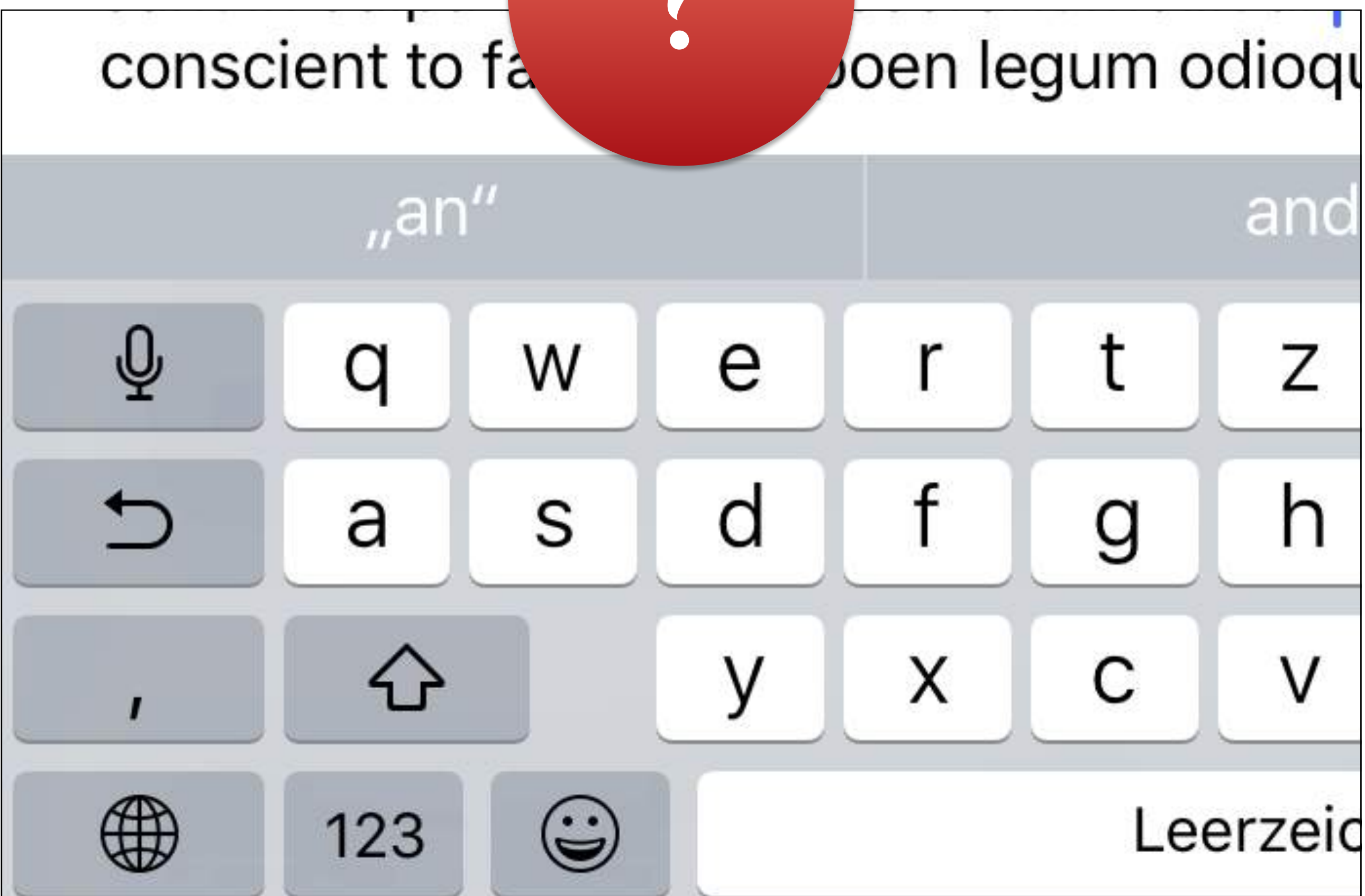
5.5"



# Cut, Copy, Paste & Undo/Redo

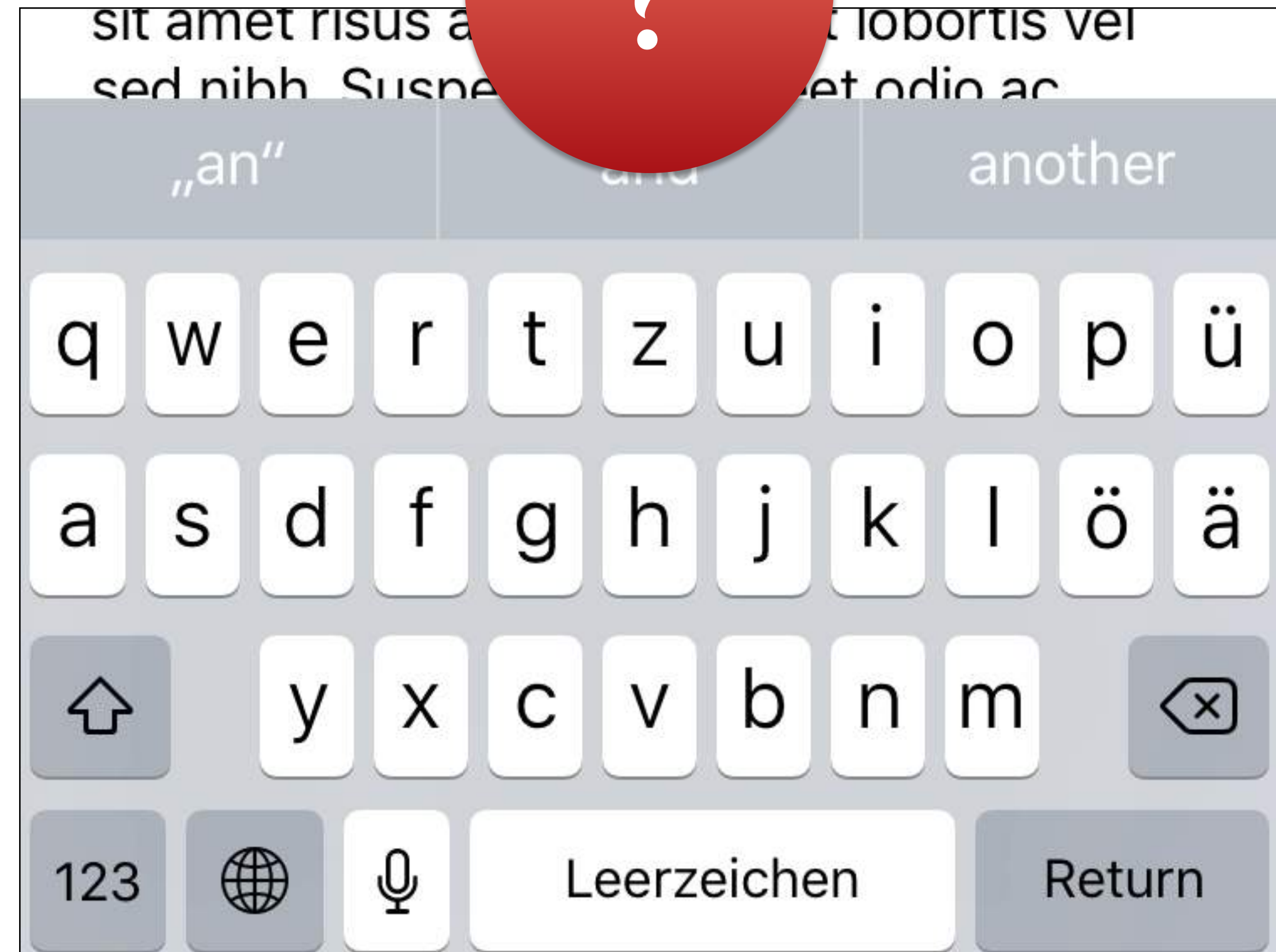
4.7"

?



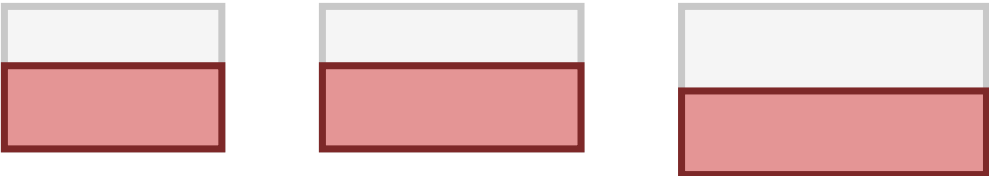
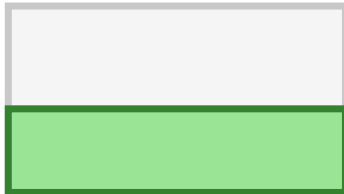
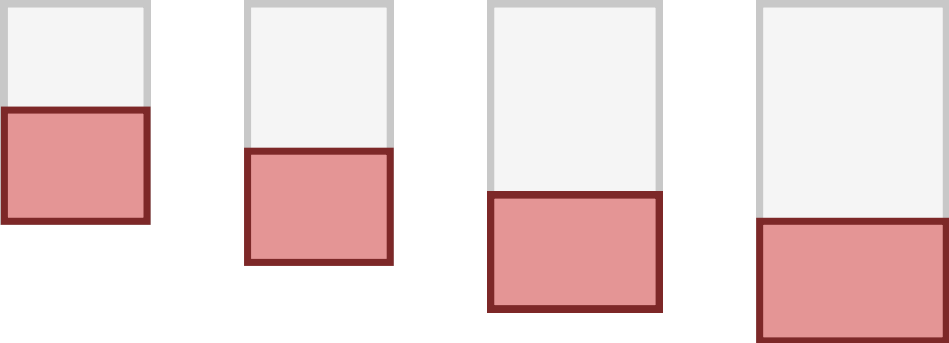


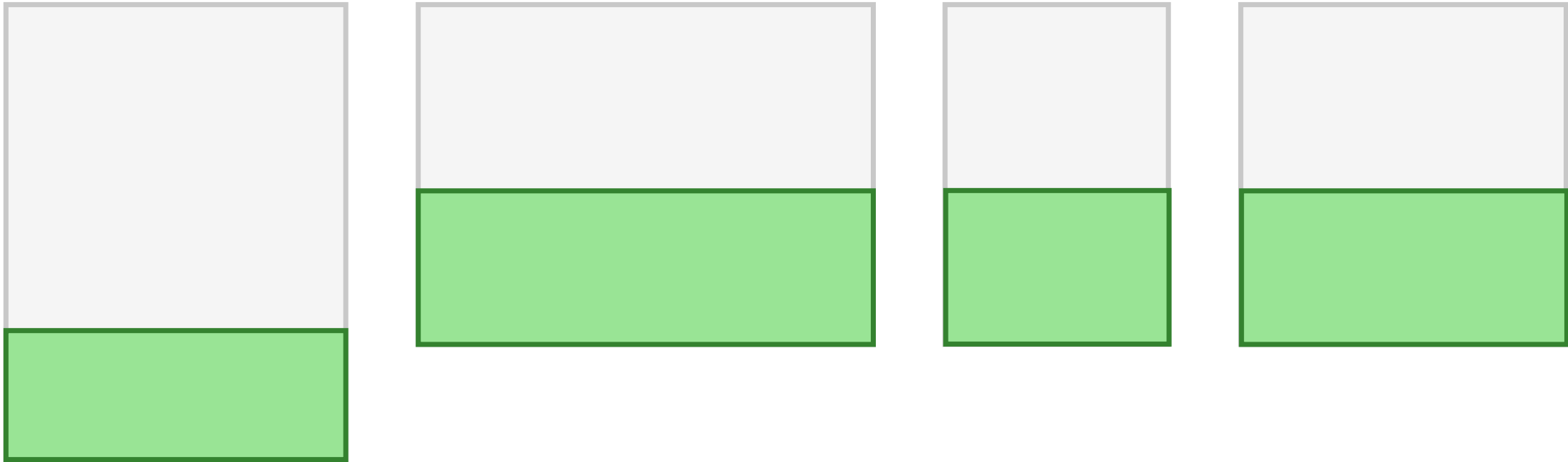
Portrait

?



# Cut, Copy, Paste

# Nicht Vorhanden

	Compact Width	Regular Width
Compact Height		
Regular Height	<div></div> <div></div>	<div></div> <div></div>

# Undo/Redo

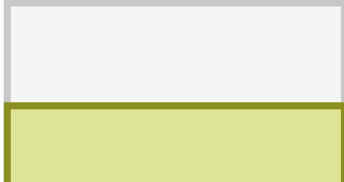
# Nur Undo

# Weder Noch

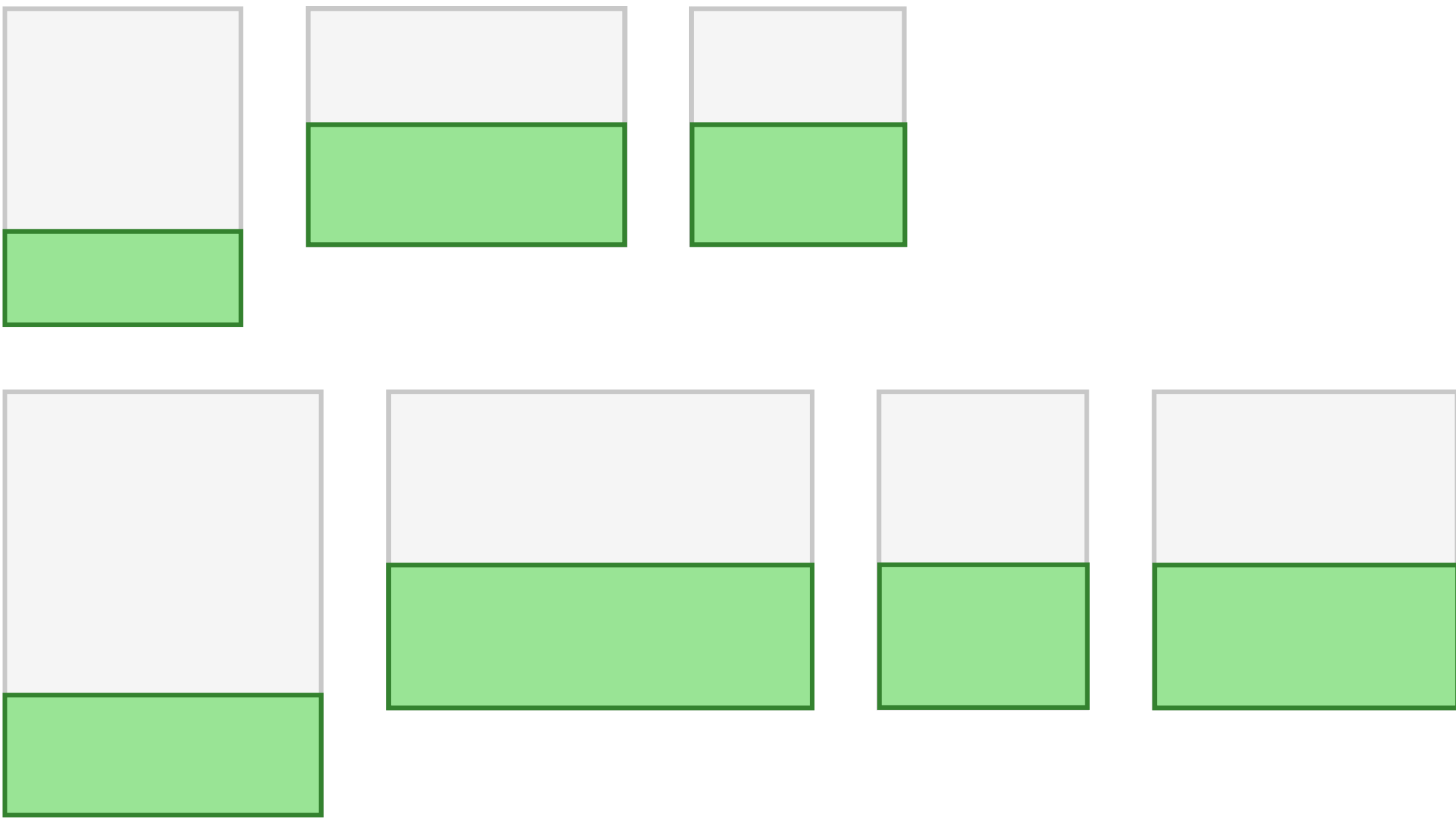
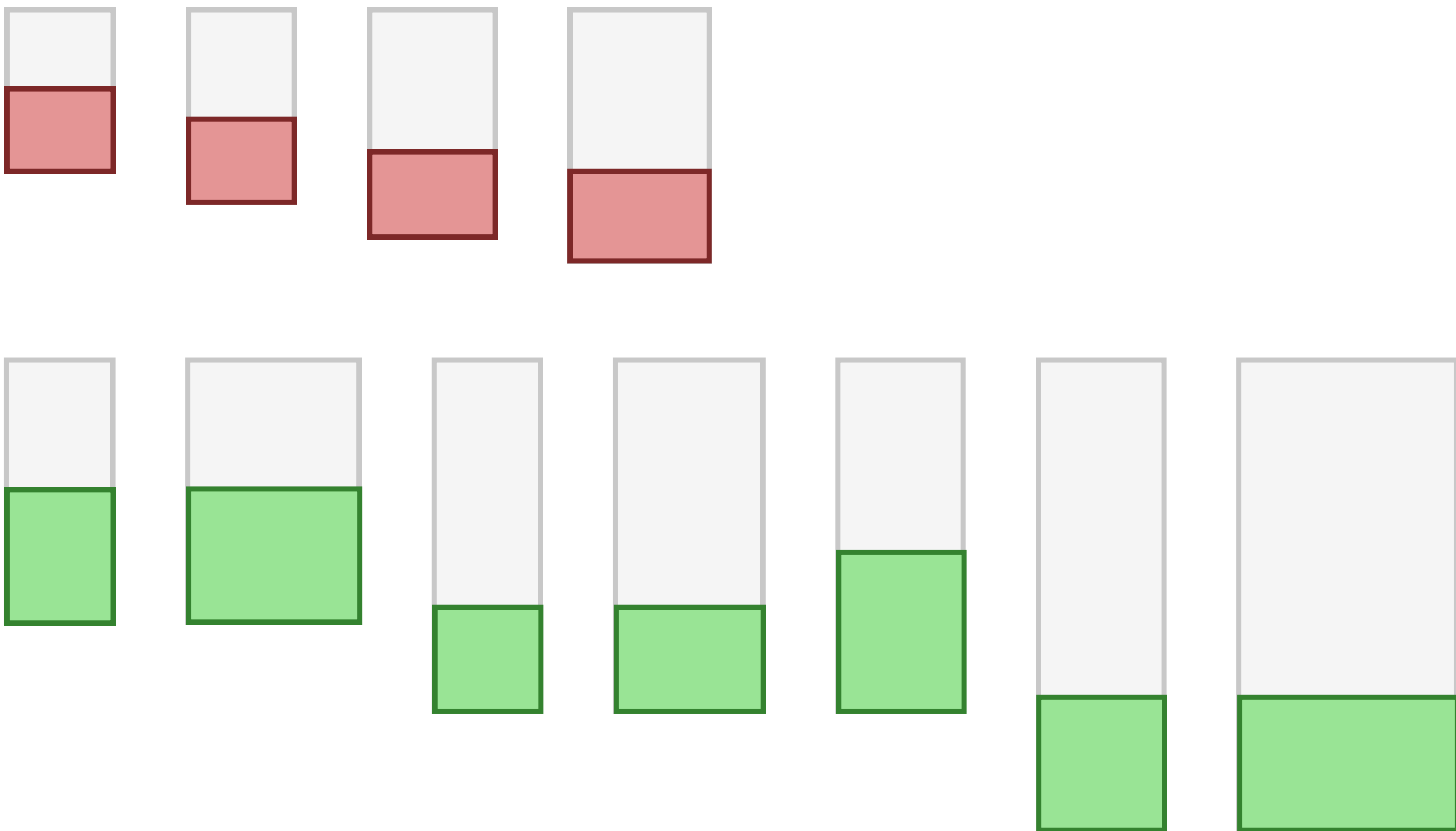
Compact Width

Regular Width

Compact Height



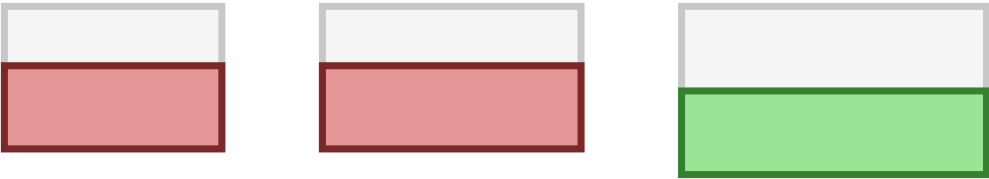
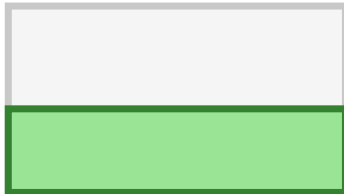
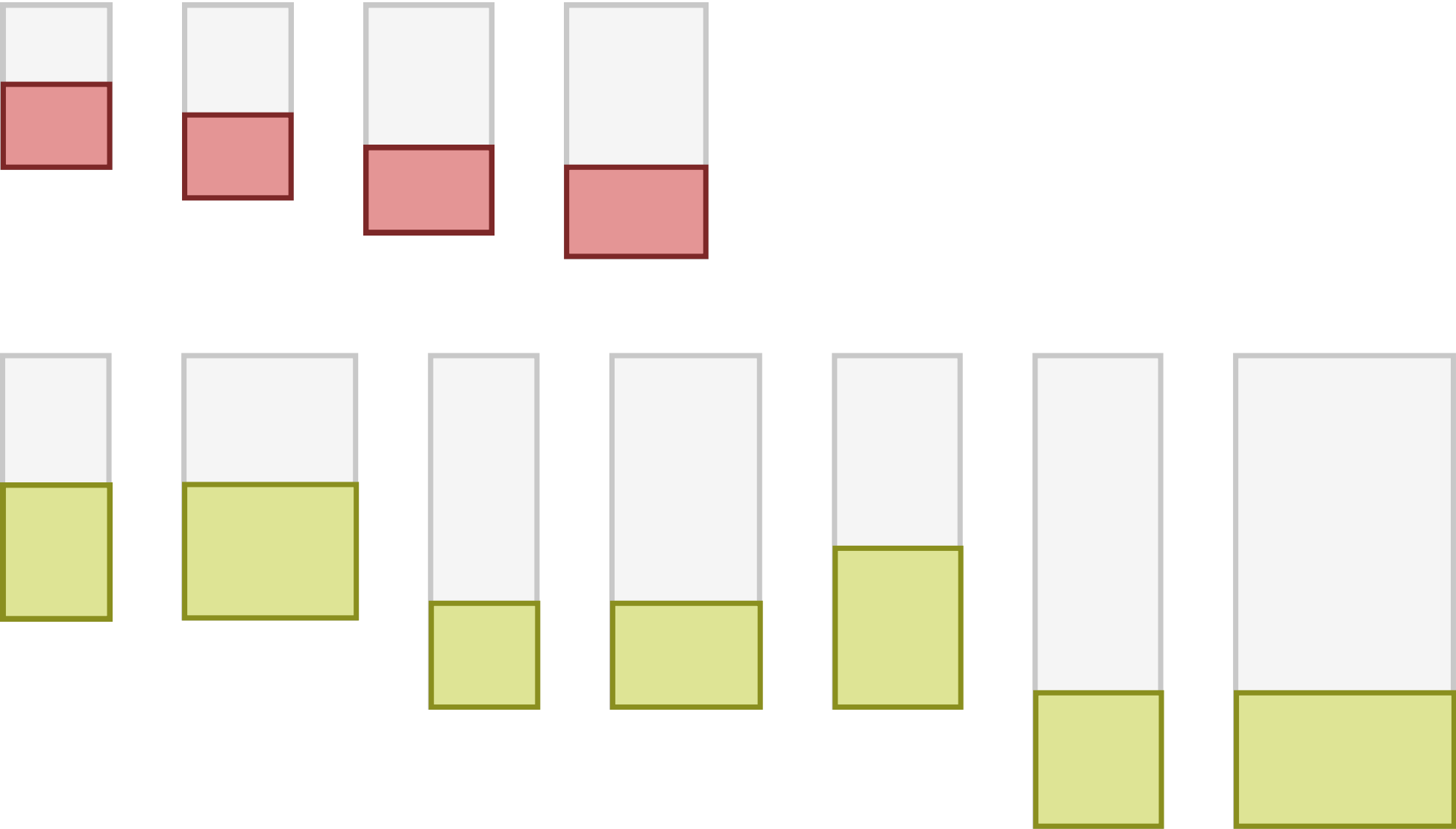
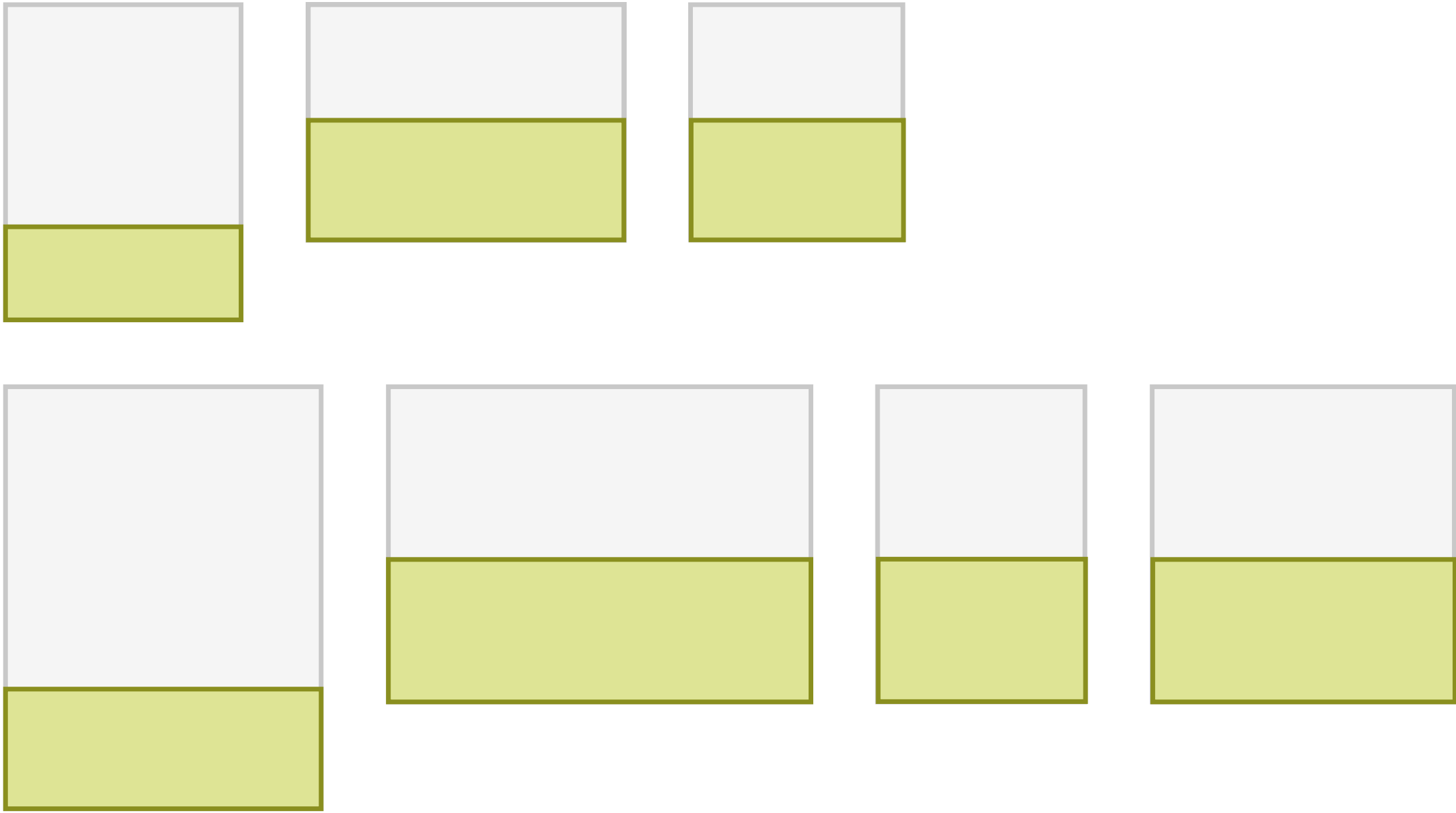
Regular Height



# Cursor Movement

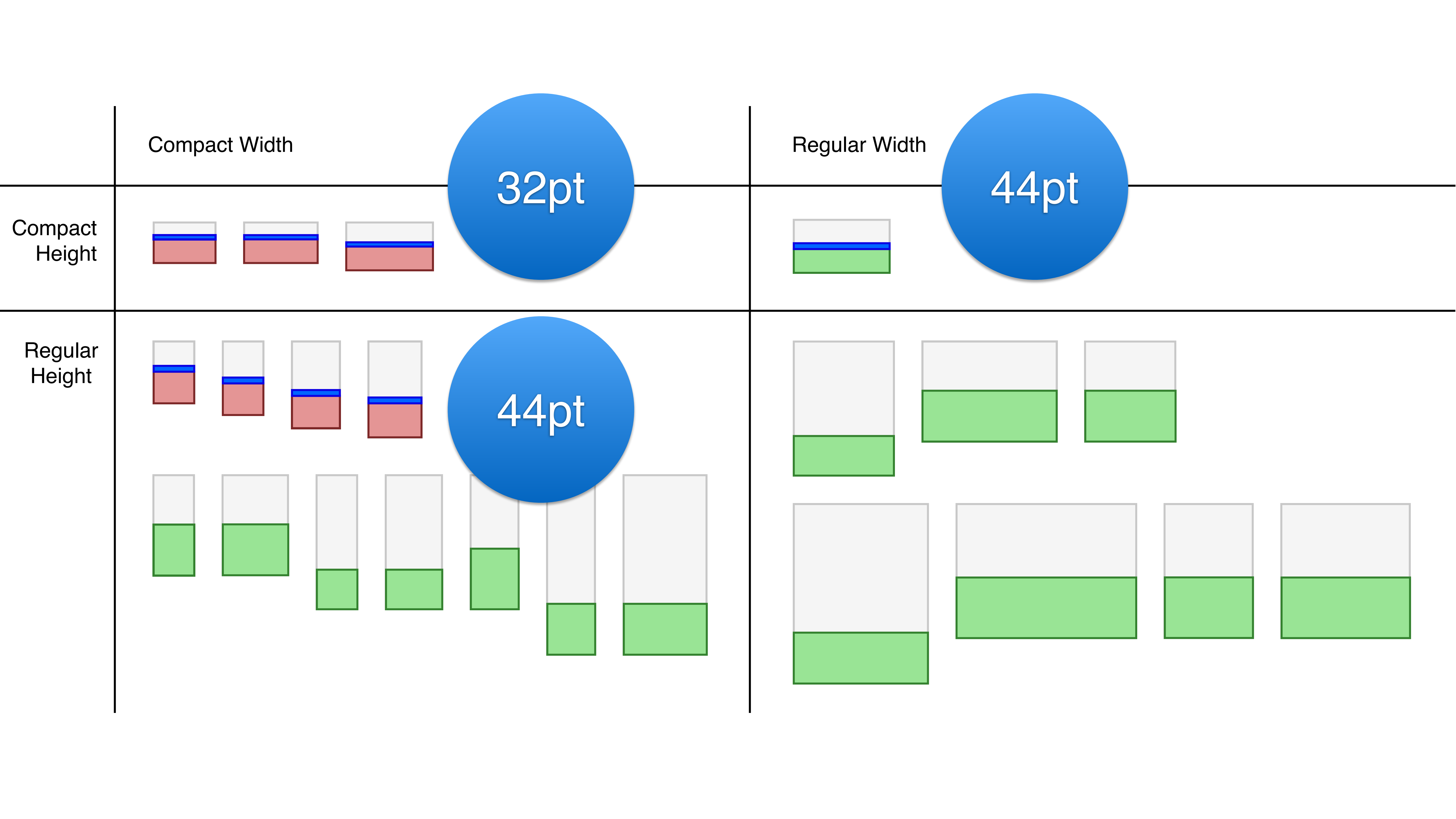
Custom Möglich

Nicht Möglich

	Compact Width	Regular Width
Compact Height		
Regular Height		

	Compact Width	Regular Width
Compact Height		
Regular Height	<div></div> <div></div>	<div></div> <div></div>







**Welcher Platz?**

Lorem ipsum dolor sit er elit lamet, consectetur cillum adipisicing pecu, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat

Item



Title

Lorem ipsum dolor sit er elit lamet, consectetur cillium adipisicing pecu, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit

Item

ichdie

das

qwertzuiopü

asdgfhjklöä

↵

yxcvbnm

⌫

123

🌐

🎤

Leerzeichen

Return

📄



Lorem ipsum dolor sit er elit lamet, consectetur cillum adipisicing pecu, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat

Item

ich

die

das

q

w

e

r

t

z

u

i

o

p

ü

a

s

d

f

g

h

j

k

l

ö

ä



y

x

c

v

b

n

m



123



Leerzeichen

Return



# Tiny Screen Strategie

- Eigener UINavigationController
  - Ausblendbare Navigation Bar
  - Angepasste Logik für Pop-Geste
  - Eigene Geste für Push

aa1. test

2. oha?

3. soso

4. sehe ich nicht

5. asdasads

Adsadsads

Asdsadsad

test. test. test. Test. Lsdflkj södflijsdflkj dlsöfk

ölsfdkjlöfds fdgkjhfglök öfdgöjklfdgj ölfdsj

slkdfgjlökdf dfgjlödsfj ölkdfjg lkdjs fdglsj

lsögfj ölfdgjkslöfdg fdgjöldsdfdgsldö gdfslkdfg

gdfjökldgf jlgdkfjlö jss sad and ss fds sfd

fsldlsf kjhdslkjsdh jhdfskjl djkh dfskj

hkflfdjklf dkh fdjklgh kjlfdgh kjhdfg kljh

dfgklh fdgklh kldjfh kldfh kldfhg klhdfg

klhdfgklh dfgkslhkldfjsh kljfdgshs kljdfsh

kldfghklfdkljdsh klshfd klh dfdsfslk

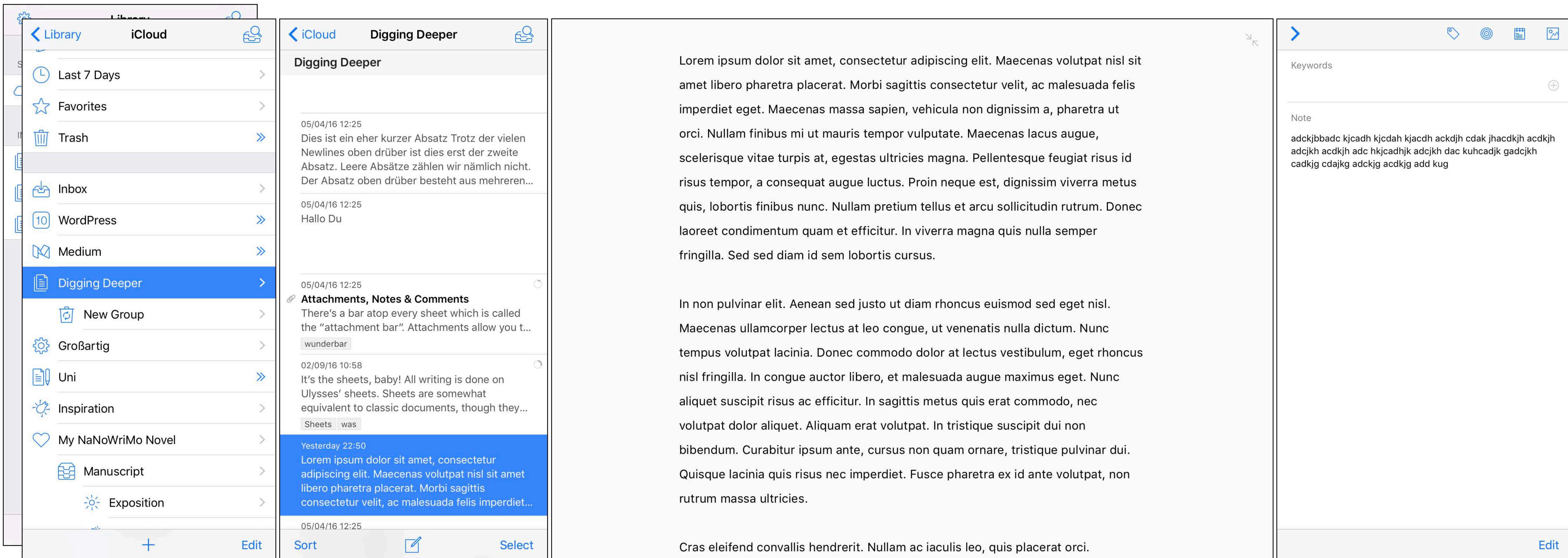
fdklghkldfgh kjdfhslkhdfs hdfjklh kjlfdgh

kilfdh klhfdaklihdafakilhdfaklih dfaklih klhdfa

# Unser “spezielles” Problem

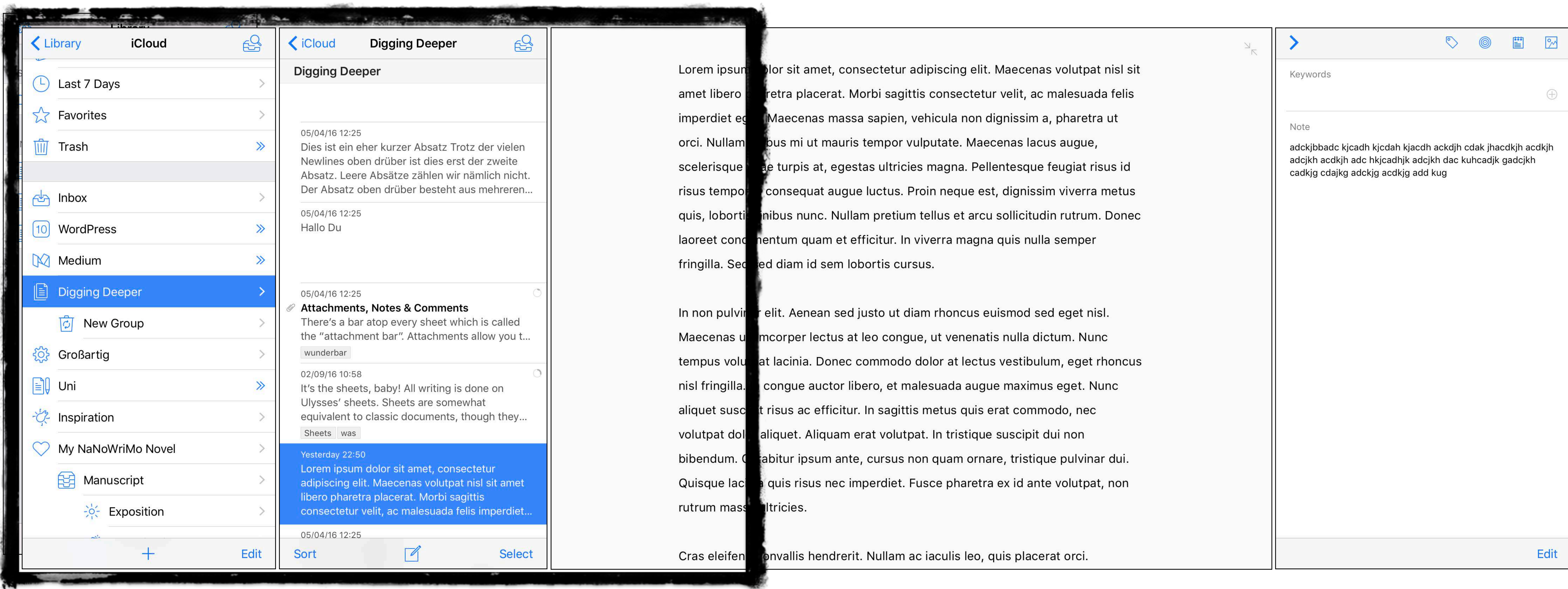


# iPad



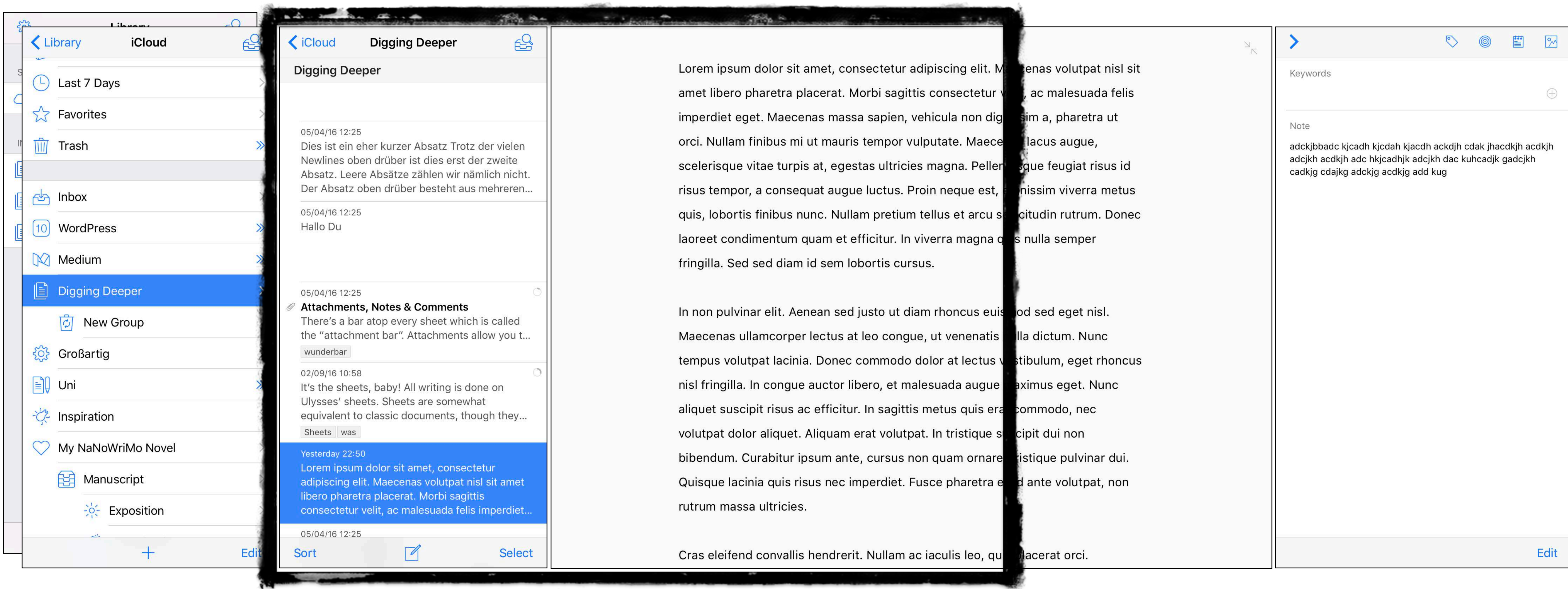


# iPad



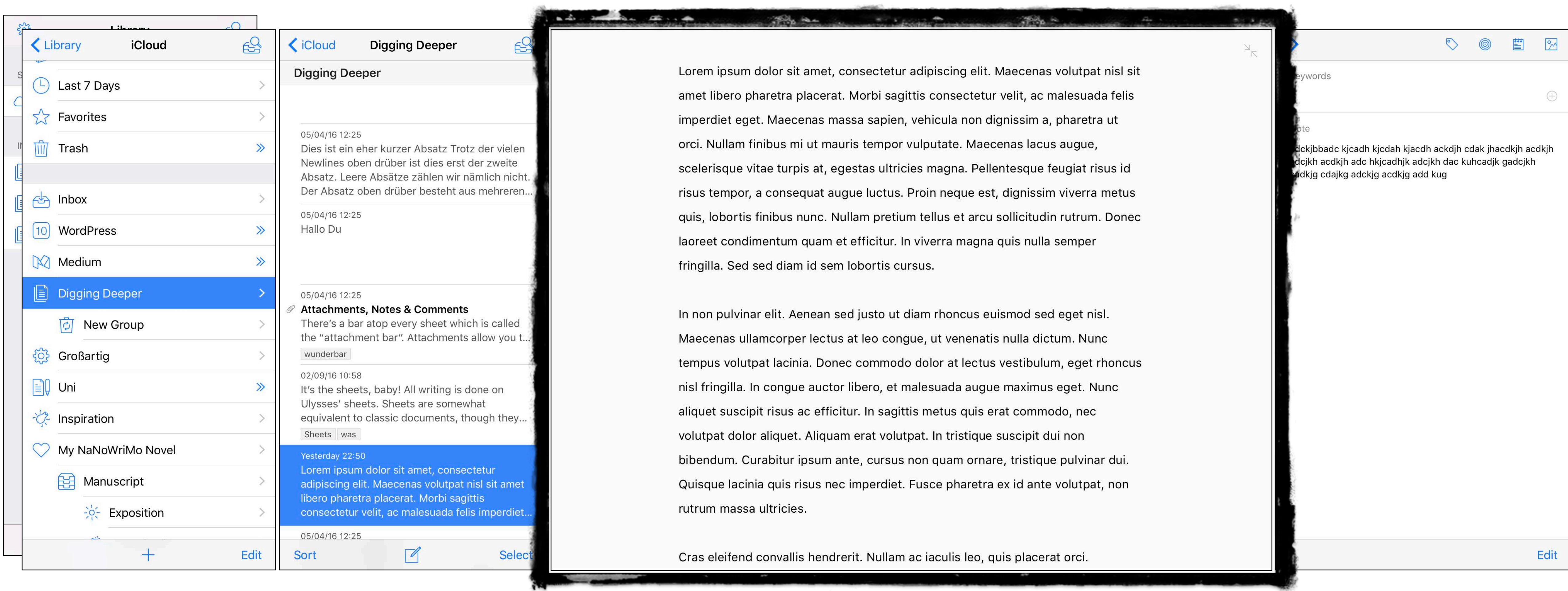


# iPad



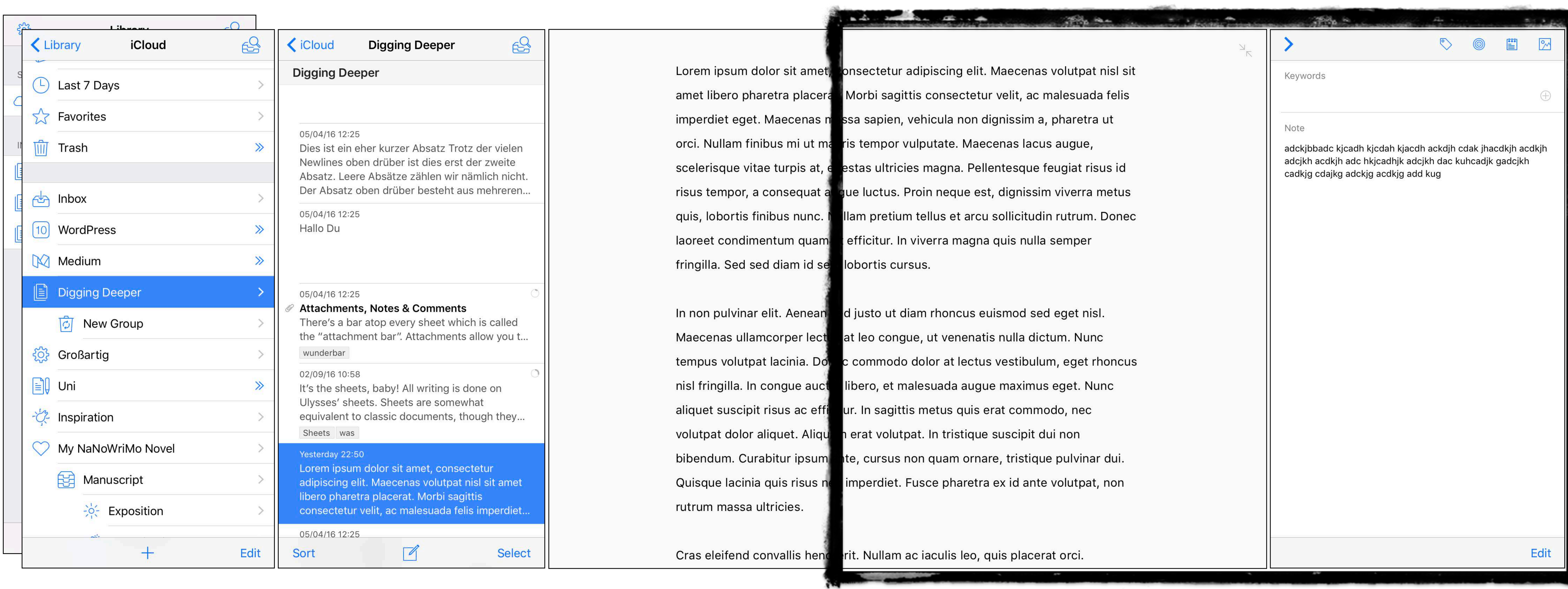


# iPad

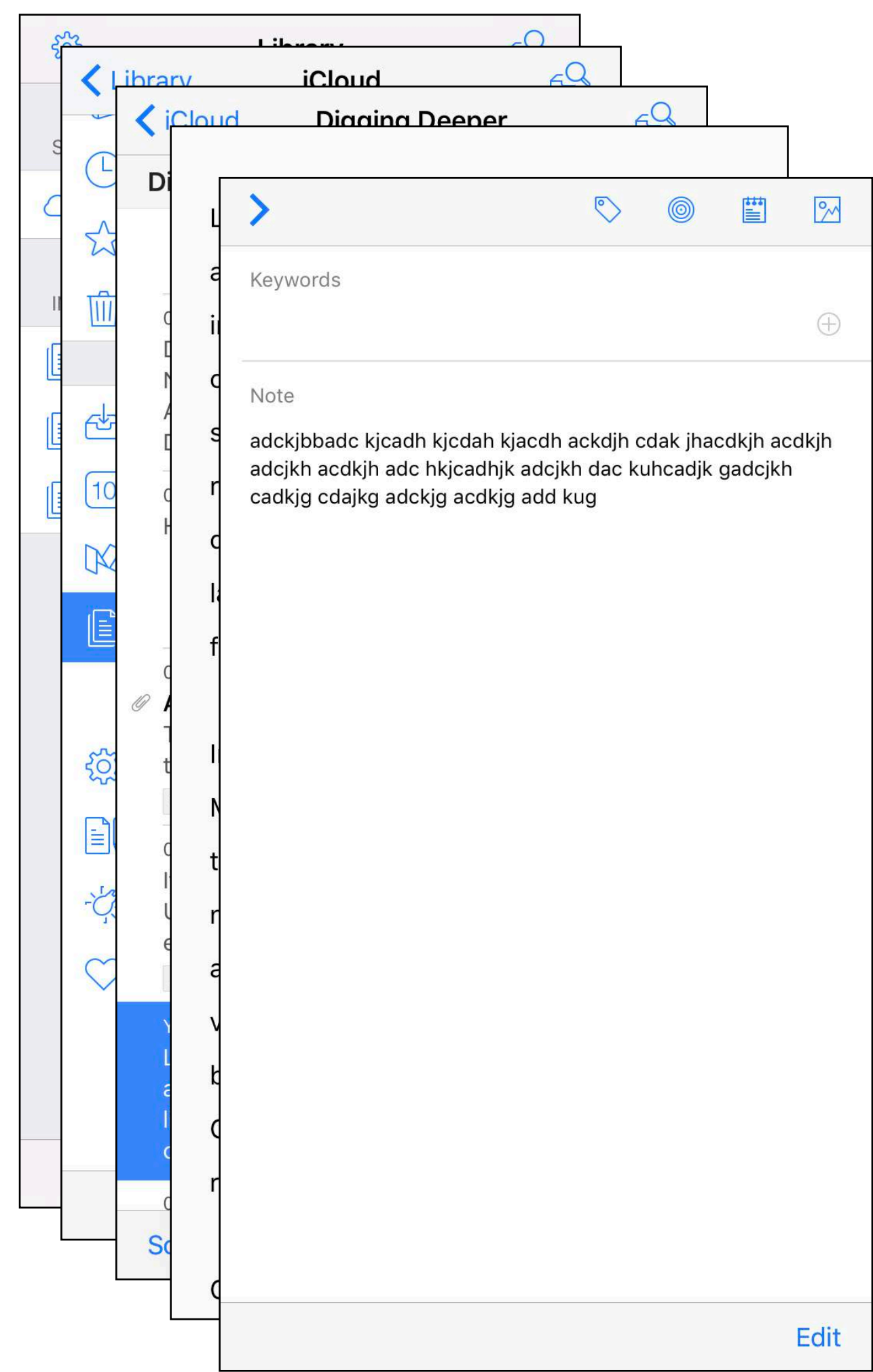




# iPad

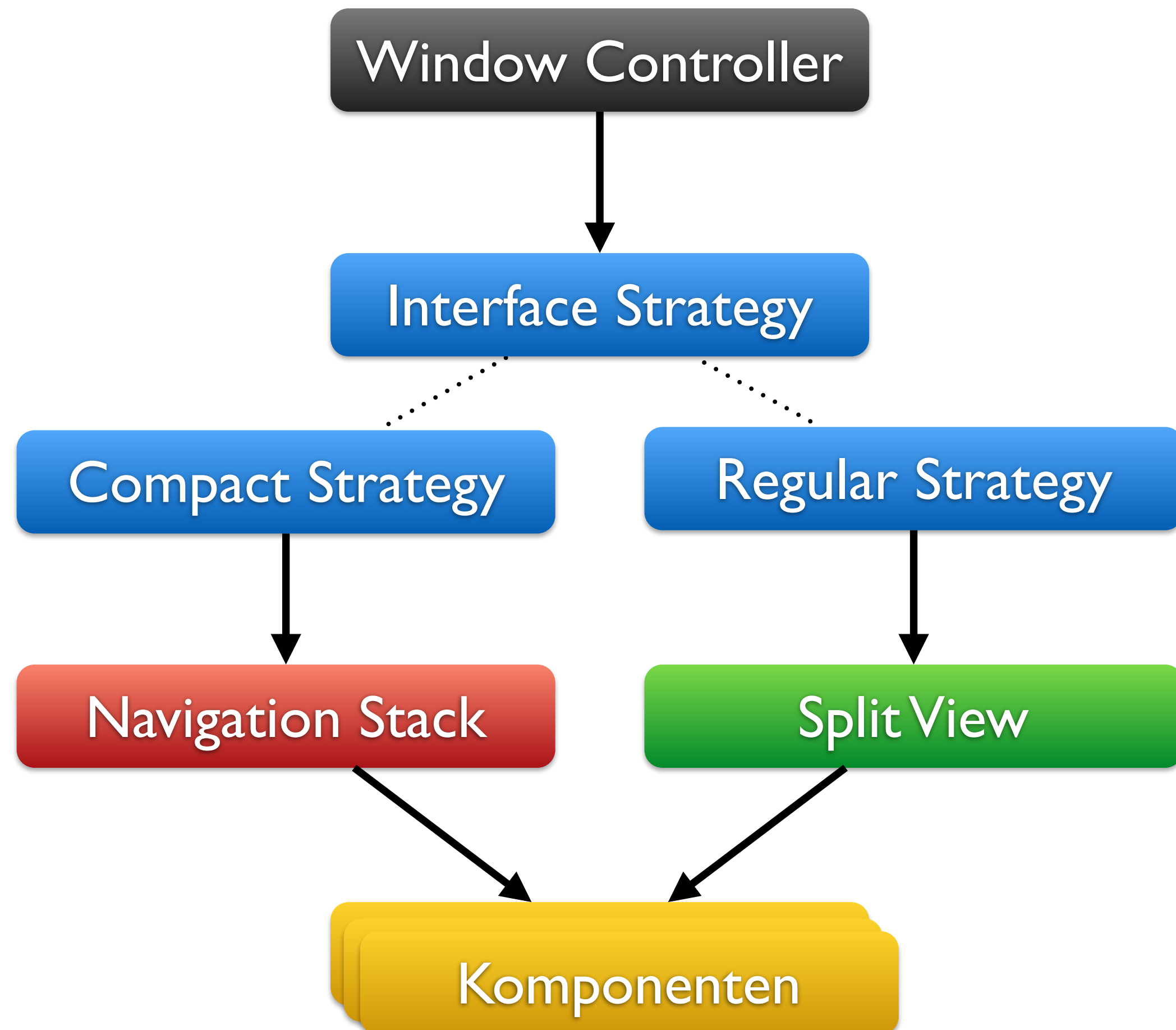


# iPhone



# Interface Strategie

- Eigener Split View Controller
- Umkonfigurieren zur Laufzeit
- Komponenten an Umgebung anpassen
- Komponenten isolieren

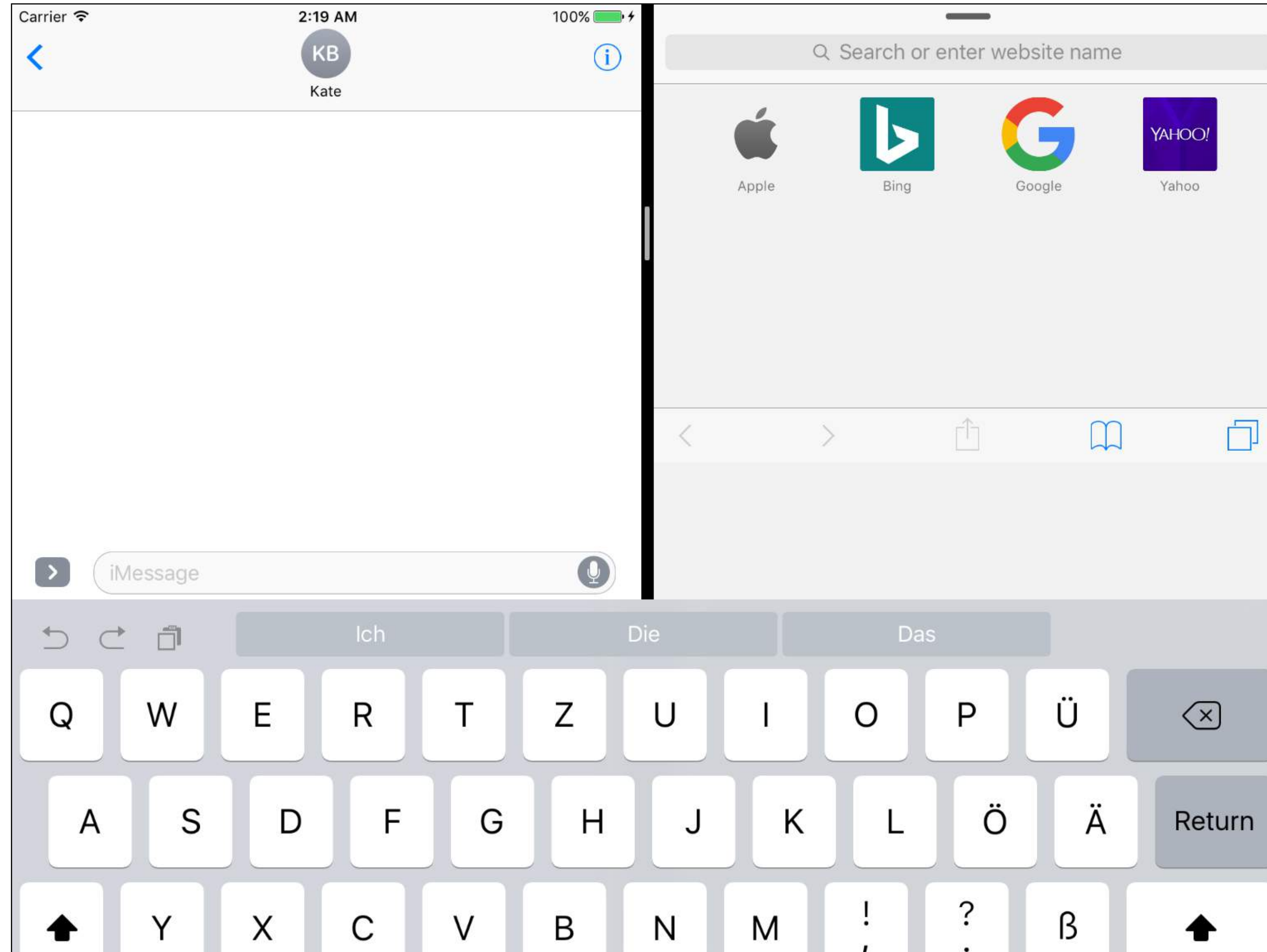


- Eigener Split View Controller
- Umkonfigurieren zur Laufzeit
- Komponenten an Umgebung anpassen
- Komponenten isolieren

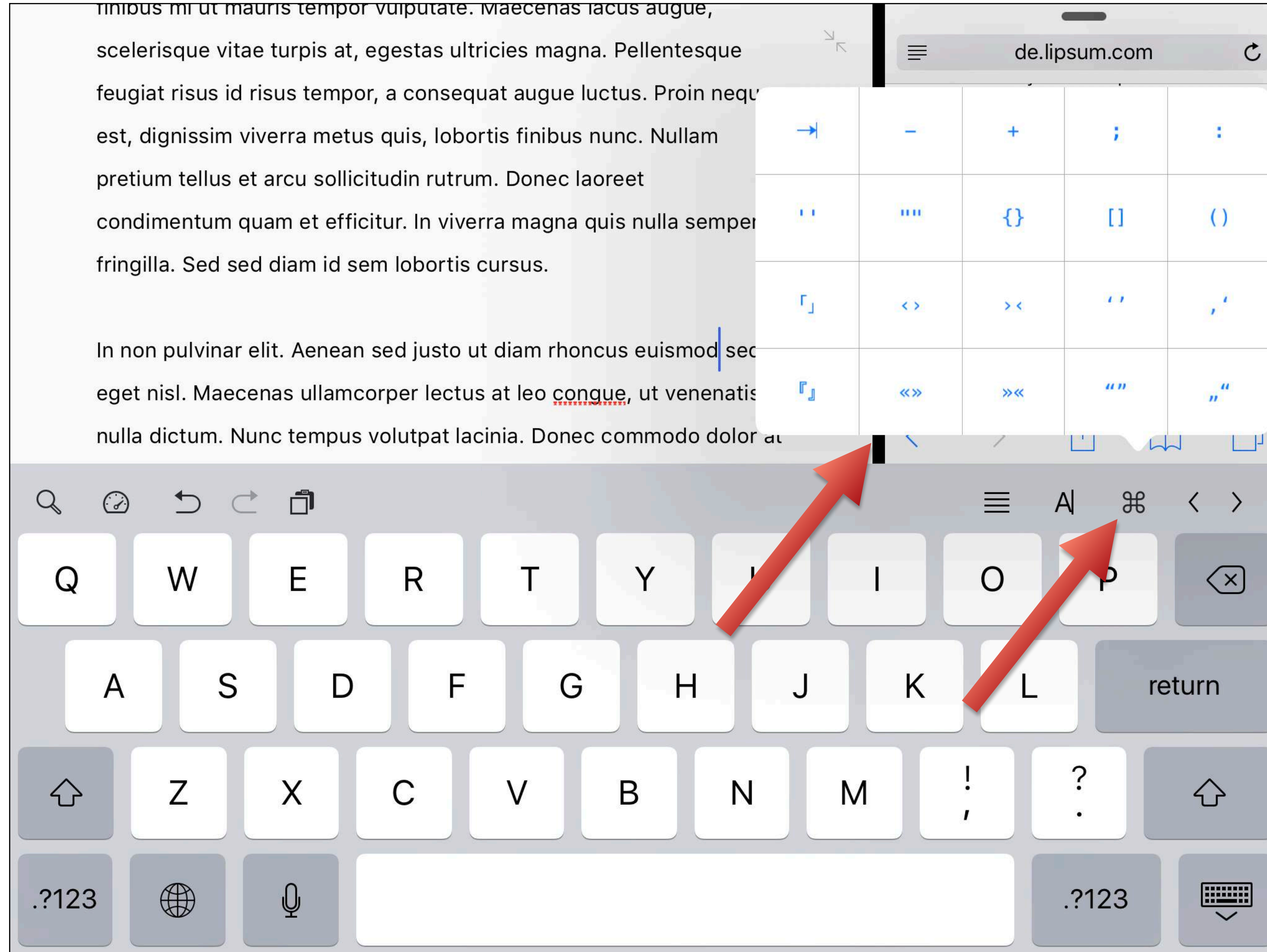
# Special Considerations



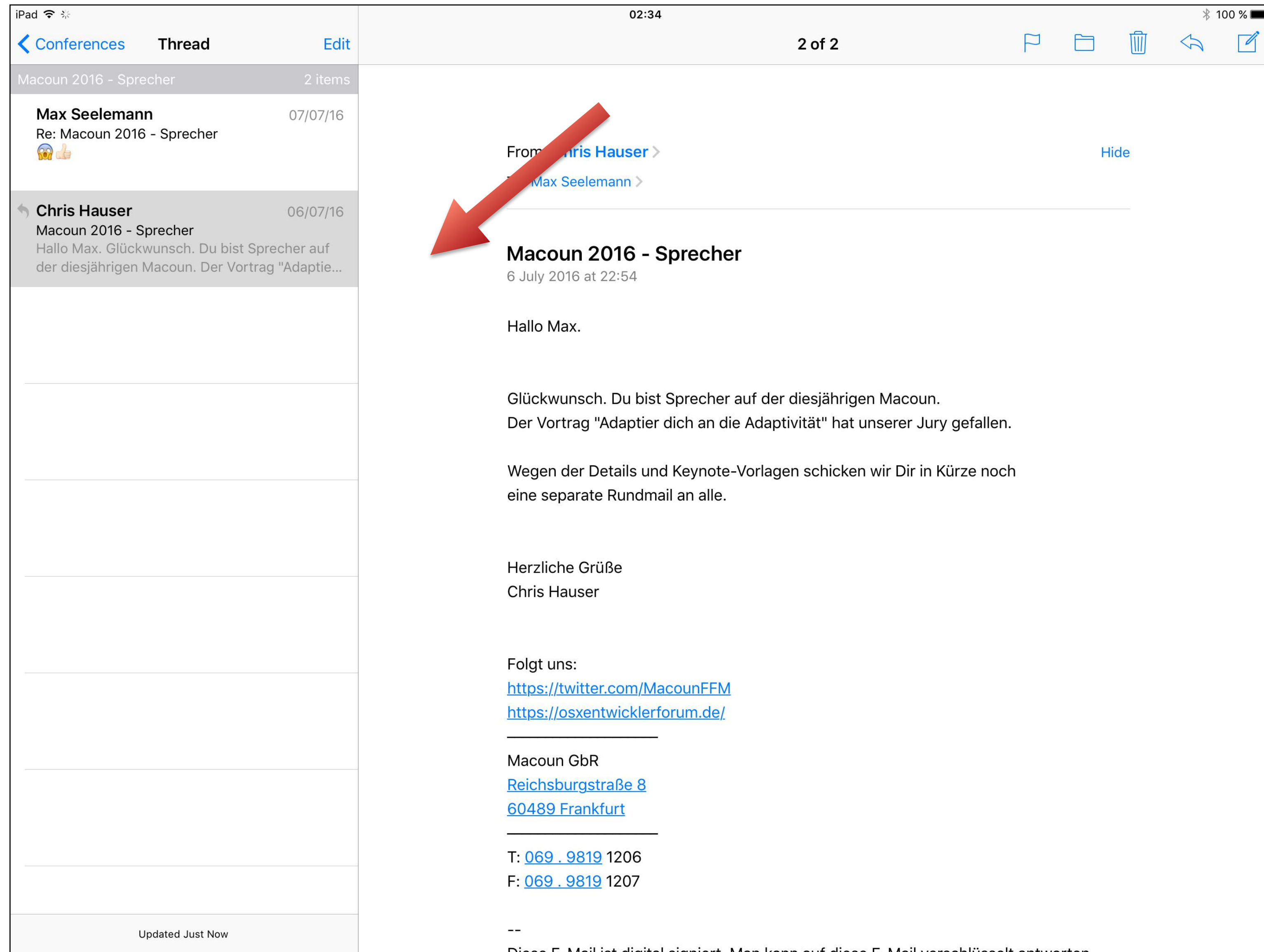
# Interaktives Dismiss



# Keyboard Button Items

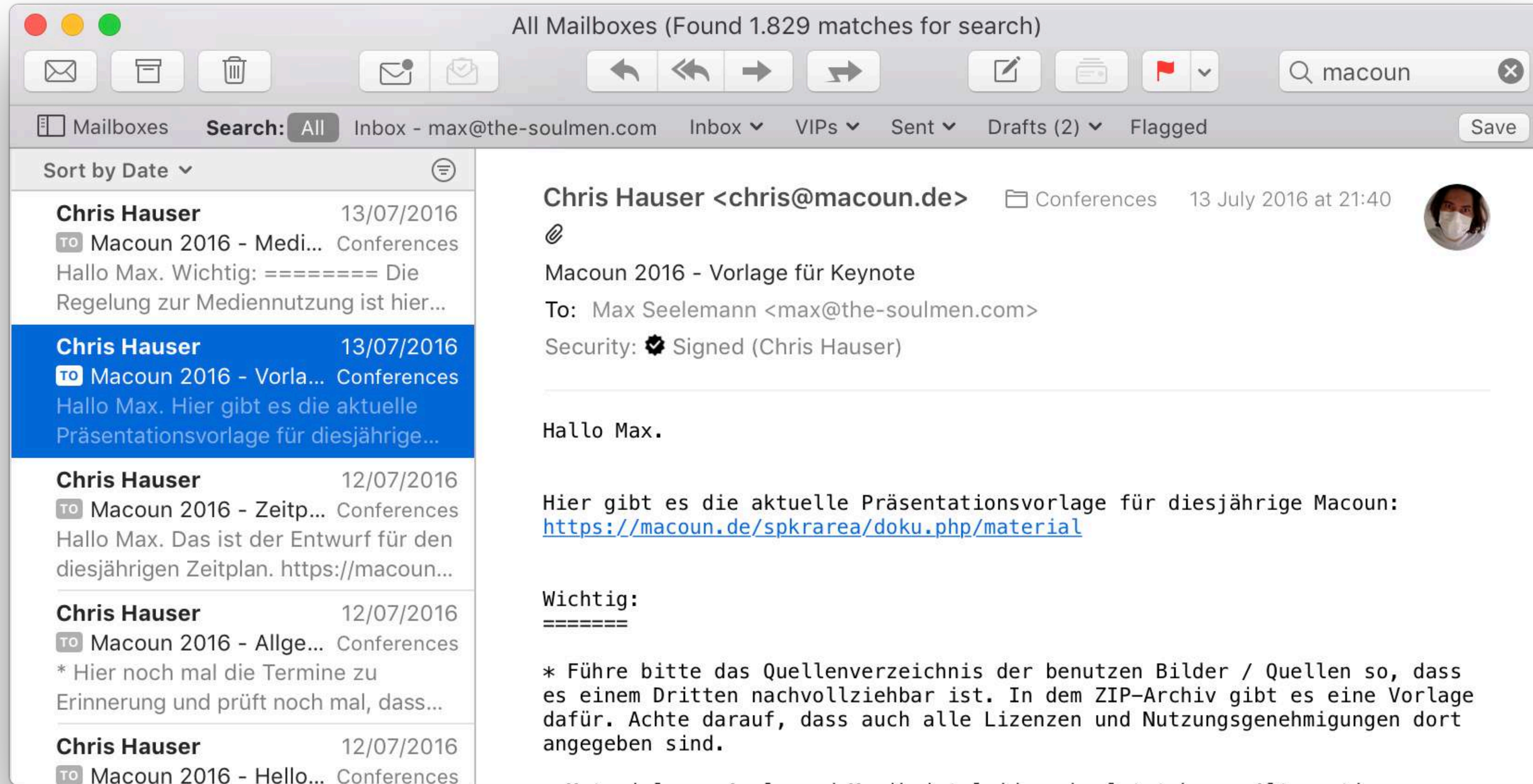


# Optimiert für 12.9"





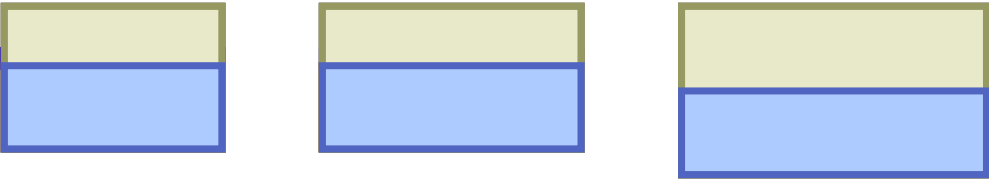
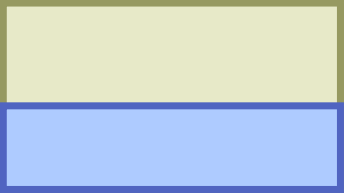
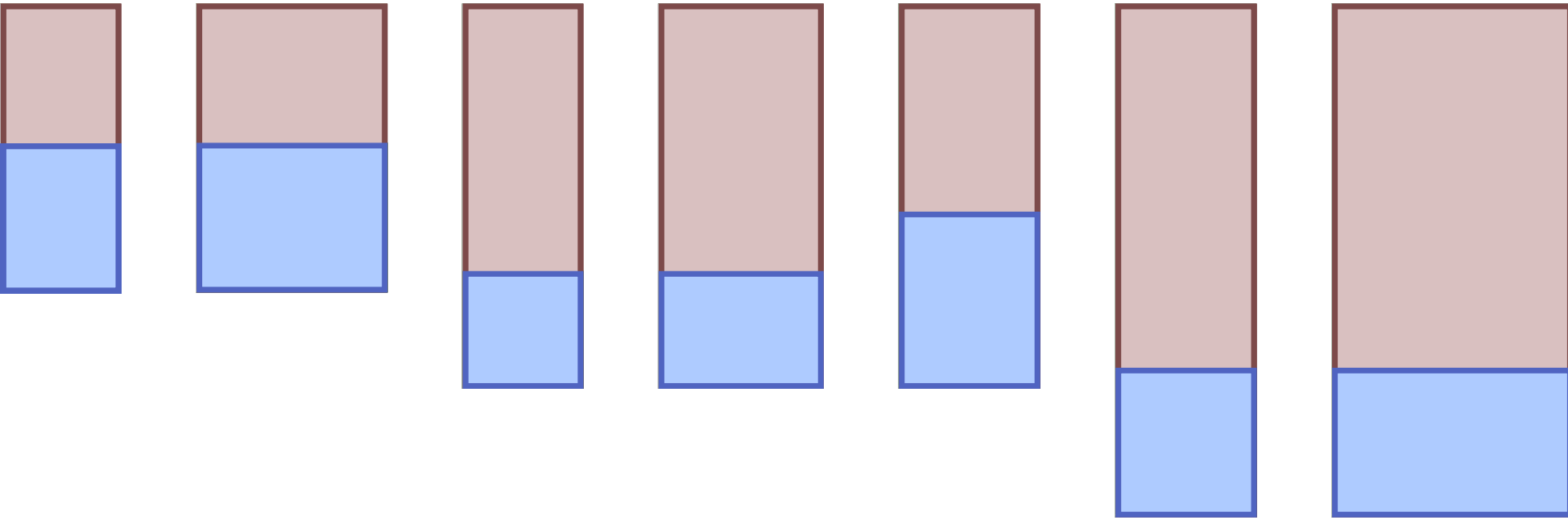
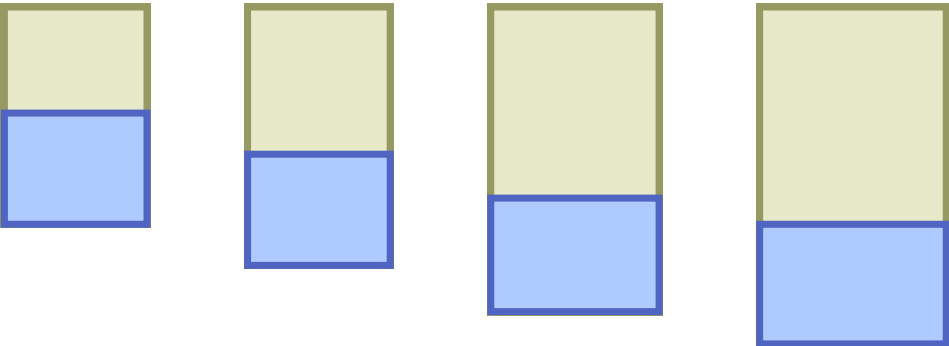
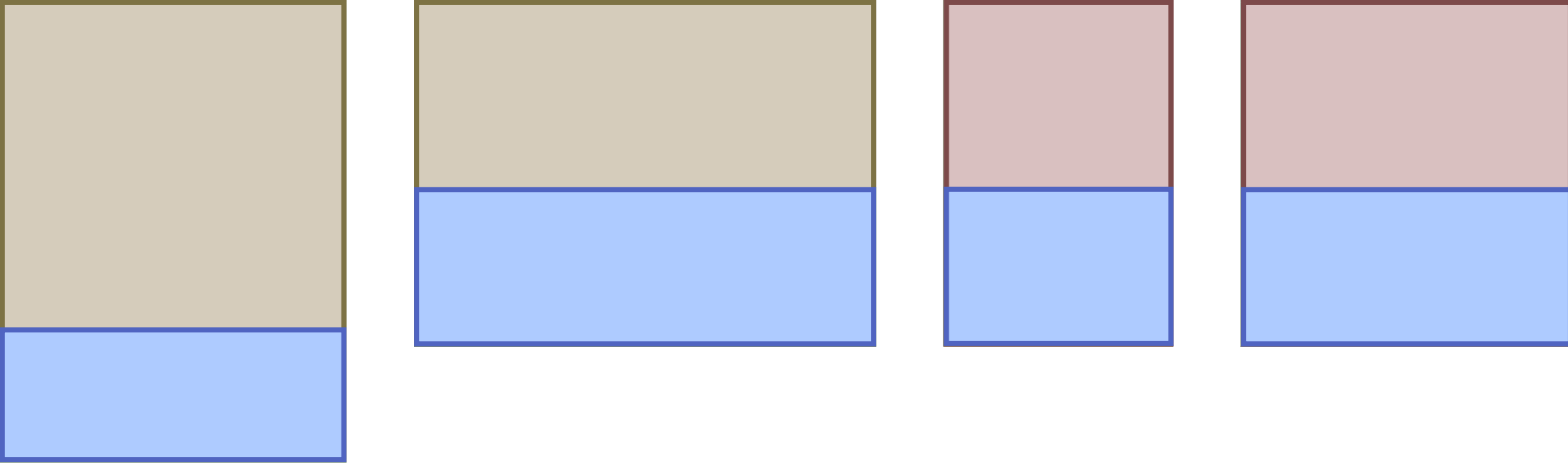
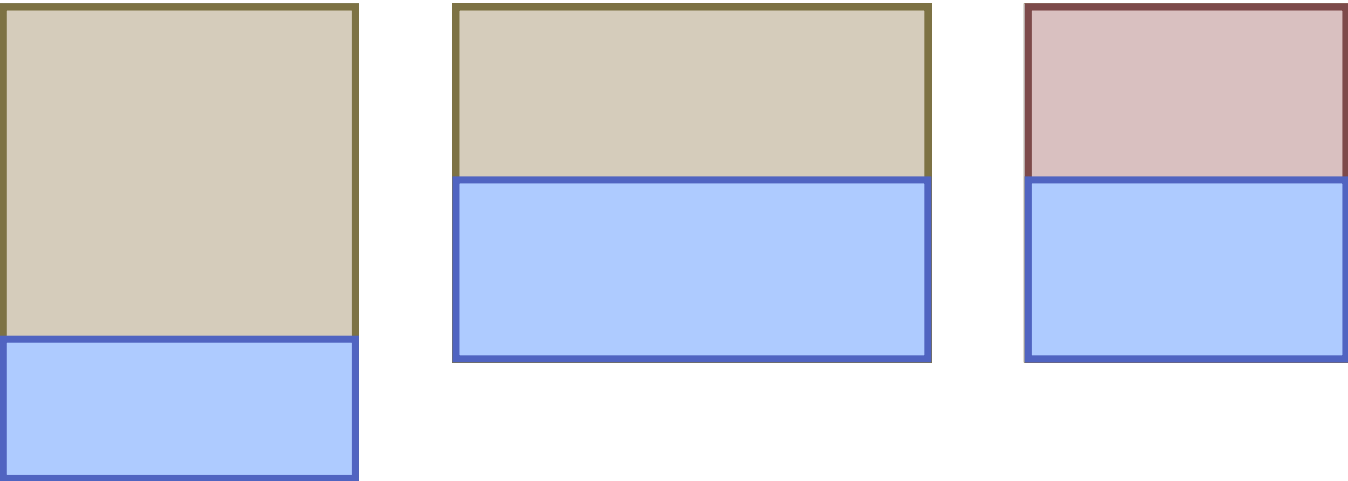
# Vergleich Mac





Es gibt noch mehr ...

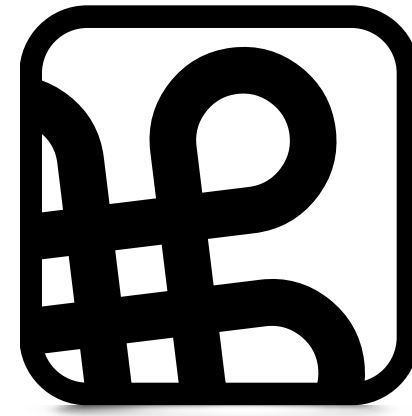
... aber nicht heute!

	Compact Width	Regular Width
Compact Height		
Regular Height	<div></div>	<div></div>

**Vielen Dank**

Fragen?





**Macoun**