Settings		
\odot	General	>
8	Control Center	>
AA	Display & Brightness	>
	Home Screen	>
٢	Accessibility	>
*	Wallpaper	>
	Siri & Search	>
T	Face ID & Passcode	>
sos	Emergency SOS	>
۲	Exposure Notifications	>
	Battery	>
	Privacy	>

VISION		
đ	VoiceOver	Off >
٢	Zoom	Off >
AA	Display & Text Size	>
0	Motion	>
P	Spoken Content	>
Ø	Audio Descriptions	On >

Lunch & Learn

With our BridgingApps Team

Getting to Know Accessibility Features that Can Help with Low Vision and Reading **Content Aloud**



BridgingApps helps people with disabilities use technology to enhance their lives



























Lunch & Learn Rewind

Wearable Devices to Track Important Health Data

Check out our website and search our blog for

Bridging The Gap

e believe that it is more important to focus on the person who will be using the technology, rather than the device itself.





Getting to Know Accessibility Features that Can Help with Low Vision and Reading Content Aloud

Accessibility Features help you customize your iPhone for your individual needs

Settings		
\oslash	General	>
	Control Center	>
AA	Display & Brightness	>
	Home Screen	>
٢	Accessibility	>
8	Wallpaper	>
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(P)	Face ID & Passcode	>
sos	Emergency SOS	>
۲	Exposure Notifications	>
	Battery	>
	Privacy	>

n this four part series of Accessibility features we will be going through each of the four sections found in he accessibility menu in Apple Settings.

- Vision
- Physical & Motor
- Hearing
- General

<u>Setti</u>	ngs Accessibility		
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0	Motion		>
9	Spoken Content		>
P	Audio Descriptions	On	>

PHYSICAL AND MOTOR



We will start by going through the "Vision" accessibility features this week.





VoiceOver*

- VoiceOver Speaks items on the screen
 - Tap once to select an item, but can customize gestures under "Touch Gestures" for other shortcuts.
 - Double-tap to activate selected item
 - Change the speaking rate
 - Choose from a variety of different voices (accents, male/female)
 - Detect Languages
 - Settings for Braille customization

VoiceOver	K VoiceOver	
VoiceOver	Rotor Actions	
 VoiceOver speaks items on the screen: Tap once to select an item. 	Typing	
 Double-tap to activate the selected item. Learn more 	Quick Settings	
SPEAKING RATE	Quick settings allows you to access Vo settings at any time. Access quick set	
æ	with two finger quadruple tap.	
	Navigation Style	
Speech	Navigate Images A	
Braille	Large Cursor	
VoiceOver Recognition >	Caption Panel	
Verbosity	Double-tap Timeout	
Audio >		
Commands >		
Activities	*Good for people	
Rotor >	have lost their visi are losing their vis	



that ion or sion

Zoom

- Magnifies the entire screen with the following shortcut gestures:
 - Double-tap three fingers to zoom
 - Drag three fingers to move around the screen •
 - Double-tap three fingers to move around the screen
- Turn toggle switch in the "on" position
- Follow Focus toggle switch on moves the zoom window to the area that you are typing in and follows along in that same part of the screen as you type
- Smart Typing switches to Window Zoom when a keyboard appears and move the window so that text is zoomed, but the keyboard is not
- Zoom controller allows quick access to zoom controls

Accessibility Zoom

Zoom

Zoom magnifies the entire screen:

- Double-tap three fingers to zoom
- Drag three fingers to move around the screen

 Double-tap three fingers and drag to change zoom

Follow Focus

Smart Typing

Smart Typing will switch to Window Zoom when a keyboard appears and move the Window so that text is zoomed, but the keyboard is not.

Keyboard Shorto	outs
Zoom Controller	01
Zoom Region	Full Screen Zoon
Zoom Filter	Non

MAXIMUM ZOOM LEVEL



Display & Text Size

- Bold Text Toggle switch to make text bold which applies to menus, words on screen, etc.
- Larger Text Toggle switch to allow for larger text on apps that support dynamic type to increase to preferred reading size using the slider on the screen
- Button shapes underlines words in menus to select them easier, buttons highlighted in another color like blue to see which menu you are in
- On/Off Labels adds additional symbols to the toggle switches to help them look more like on/off buttons
- Reduce Transparency Improve contrast by reducing transparency and blurs on some backgrounds to increase legibility
- Increase contrast Increase color contrast between app foreground and background colors

Display & Text Size < Back **Bold Text** Larger Text **Button Shapes** On/Off Labels Reduce Transparency

Improve contrast by reducing transparency and blurs on some backgrounds to increase legibility.

Increase Contrast

Increase color contrast between app foreground and background colors.

Differentiate Without Color

Replaces user interface items that rely solely on color to convey information with alternatives.



Display & Text Size

- Bold Text Toggle switch to make text bold which applies to menus, words on screen, etc.
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Display & Text Size

- Differentiate Without Color Replaces user interface items that rely solely on color to convey information with alternatives
- Smart Invert* Reverses the colors of the display except for images, media and some apps that use dark color styles.
- Classic Invert* Reverses the colors of the display
- Color Filters Can be used to differentiate colors by users who are color blind and aid users who have difficulty reading text on the display
- Reduce White Point Reduce the intensity of bright colors
- Auto-Brightness Turning off this feature may affect battery life and long-term display performance



*Allows people with dyslexia to distinguish letters and isolate text as they are reading it

Notion*

- Reduce Motion Toggle switch to reduce the motion of the user interface, including the parallax effects of icons. When in low power mode, perspective zoom of wallpapers will be disabled.
- Auto-Play Message Effects Toggle switch allows fullscreen effects in the messages app to auto-play
- Auto-Play Video Previews

Accessibility Motion

Reduce Motion

Reduce the motion of the user interface, including the parallax effect of icons.

When in Low Power Mode, perspective zoom of wallpapers will be disabled.

Auto-Play Message Effects



Allows fullscreen effects in the Messages app to auto-play.

Auto-Play Video Previews



*Good for people that have sensitivity to motion effects



Spoken Content

- Speak Selection Toggle switch gives users a "Speak" option when you select text. Great for having text messages read aloud when you hold down the message, etc.
- Speak Screen Toggle switch allows users activate this feature using a simple gesture of swiping down with two fingers from the top of the screen to hear the content of the screen.
- Speech Controller Toggle switch gives users a "play" button that can be used to have text read aloud when needed. The button can be moved around on the screen similar to the accessible home button.

< Back	Spoken Content	
A Speak bu select text.	tton will appear when you	
Speak Sc	reen	
Swipe dowr the screen	n with two fingers from the to hear the content of the	e top of screen
Speech C	controller	Or
Highlight	Content	Or
Highlight co	ontent as it is spoken.	
Typing Fe	edback	
Voices		
SPEAKING	RATE	
&~	0	
Pronuncia	ations	



Spoken Content

- Highlight Content Toggle switch displays a cursor around the selected item during Speak on Touch. Highlight text according customized settings for words, sentences, or a combination of both for Speak Selection and Speak Screen. Customize highlight styles and colors.
- Typing feedback This menu allows users to customize audible feedback when typing characters, words, speak auto-corrections, and enable typing prediction to hear the word spoken
- Voices This menu allows users to customize voices in each language and download others
- Speaking Rate Slider allows users to change the speaking rate
- Pronunciation This menu allows users to add in custom pronunciations for words and names that are frequently mispronounced when using speak aloud

K Back **Spoken Content** A Speak button will appear when you select text. Speak Screen Swipe down with two fingers from the top of the screen to hear the content of the screen. Speech Controller On > Highlight Content On > Highlight content as it is spoken. Typing Feedback Voices SPEAKING RATE Pronunciations



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Audio Descriptions

 Toggle switch enables audio descriptions to automatically play when available



Audio Descriptions

Audio Descriptions



When available, automatically play audio descriptions.



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• Check out our website at <u>www.bridgingapps.org</u> to see specially curated app lists

Read our app reviews and use the download button that takes you directly to the





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Social Media channels



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