

iPad Accessibility: Reduce Motions (iOS v 8.4)

Introduction

Reduce Motions is a iPad accessibility feature which stops the motion of certain elements such as the parallax effect and screen transitions. When activated, there is a perception of depth on the Home screen and other areas of the iPad.

The parallax effect uses built in movement sensors of the iPad to make images on the home screen seem layered or deeper than the screen. This feature causes motion sickness in some users. It also requires more power and therefore reduces battery charge more quickly.

Learning Objectives

Completion of this tutorial will give you experience with the following:

- An ability to turn on and use Reduce Motion Accessibility.


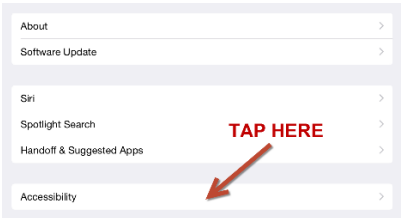


This tutorial assumes


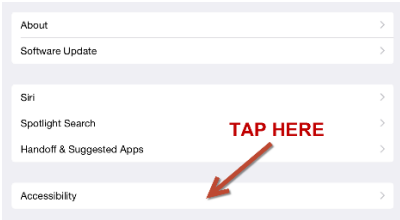


- An iPad with iOS 8.4 or later version
- An internet connection is required for this Activity. Earlier versions of iOS may also work however, they are not covered by the scope of this information.

Case Study:

Frank is a grade 6 student in a class with a small set of older iPads but not specialized charging cart. He likes to be able to use the iPads for writing and other academic tasks however at times he feels overwhelmed with the way the home screen and certain other views look.

Using the accessible iOS feature of an iPad – Reduce Motion

<p>1</p>	<p>From the iPad’s Home Screen, find and tap on the Settings icon to access the Settings Menu.</p>	 <p>The image shows the Settings app icon, which is a grey gear with a white center, labeled "Settings" below it.</p>
<p>2</p>	<ol style="list-style-type: none"> 1. On the left scroll down menu, locate and tap General Settings. 2. On the right scroll down menu locate and Tap Accessibility to access the iPad’s Accessibility Settings Menu. 	 <p>The image shows a portion of the iPad Settings menu. The "Accessibility" option at the bottom is highlighted with a red arrow and the text "TAP HERE". Other visible options include About, Software Update, Siri, Spotlight Search, and Handoff & Suggested Apps.</p>
<p>3</p>	<p>Locate the Vision Settings in the right scroll down menu, then locate the Reduce Motion setting. Slide the toggle to the right (green) position to turn the Reduce Motion setting on.</p>	 <p>The image shows the "Reduce Motion" toggle switch. The toggle is currently in the "On" position, indicated by a green circle and the word "TOGGLE" in red. Below the toggle, the text reads: "Reduce the motion of the user interface, including the parallax effect of icons and alerts."</p>
<p>4</p>	<p>Notice that the buttons now look different. A circle indicates the “Off” position. A vertical line indicate the “On” position. (later versions may not present this way)</p>	 <p>The image shows the same Settings menu as in step 2, but with annotations. A red circle points to the "Off" position of the "Reduce Motion" toggle, and a red vertical line points to the "On" position. Other annotations include "CIRCLE" pointing to the "Off" position of "Larger Text" and "LINE" pointing to the "On" position of "On/Off Labels".</p>

<p>5</p>	<p>Push the Home Button once to exit the menu.</p>	
	<p>Notice that the background of the Home page is now stationary and does not move when the viewing angle changes.</p> <p>Try opening and closing a few different apps. Notice that with Reduce Motion turned on, the app opening and closing transition effect is greatly reduced.</p>	
<p>7</p>	<p>Once you have finished exploring this setting, remember to go back to the Accessibility Settings Menu to turn the feature back off.</p>	
<p>8</p>	<p>Slide the toggle to the left (grey) position to turn the Reduce Motion setting off.</p>	
<p>9</p>	<p>Push the Home Button once to exit the Settings Menu.</p>	

TASK

After practicing with Reduce Motion answer the following questions in your group.

1. Write one potential advantage for using this setting with a student who has low vision.
2. Would other students benefit from this setting? If so, how?
3. How might you get students using this tomorrow?
4. Would this be beneficial to show all students?



Tip...

If you like, add an implementation tip here.

<http://www.setbc.org/2015/11/ipad-accessibility-2015/#1453740742922-b1a8614a-3aac>

<http://www.imore.com/how-reduce-motion-and-speed-transitions-iphone-ipad>