

iOS Accessibility feature: Increased Contrast

Introduction

Increase Contrast makes text easier to see by increasing the difference in contrast between the text and the background.

Learning Objectives

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

- An ability to turn on and use Increased Contrast Accessibility.

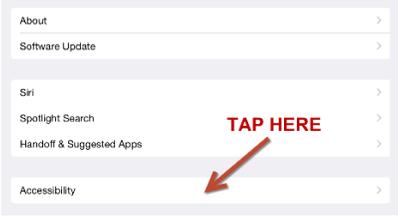
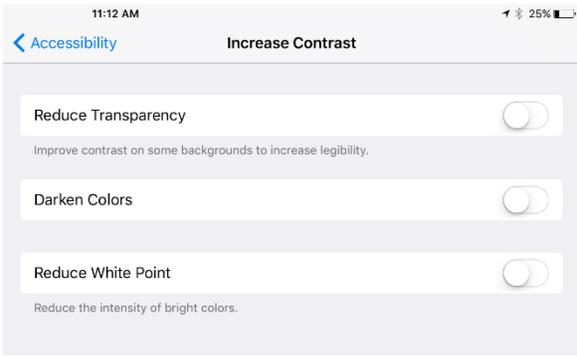
This tutorial assumes

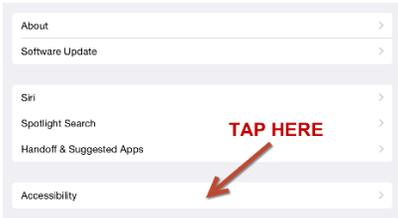
- An iPad with iOS 9.1 or later version. Earlier versions of IOS may also work; however they are not covered by the scope of this information.

Case Study:

Cameron is a grade 12 student with very poor vision which requires very strong glasses. He uses an iPad and ARC-BC to read text books for each of his subjects. When researching online for material Cameron struggles to see the text and features on his iPad's screen. Cameron does not have an Education Assistant and only accesses the Learning Services Teacher when he is having difficulties using ARC-BC. The District Vision Teacher is contracted out and only comes twice a year and on her last visit recommended Cameron explore the vision accessibility features of his iPad to prepare for a Social Studies project.

Using the accessible iOS feature Increased Contrast

<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 application icon, which is a grey gear with a white center, labeled "Settings" below it.</p>
<p>2</p>	<p>On the left scroll down menu, locate and tap General Settings.</p> <p>On the right scroll down menu locate and Tap Accessibility to access the iPad's Accessibility Settings Menu.</p>	 <p>The image is a screenshot of the Settings application's main menu. The "Accessibility" option at the bottom is highlighted in a light blue color. A red arrow points to this option with the text "TAP HERE" in red.</p>
<p>3</p>	<p>Locate the Vision Settings in the right scroll down menu, then locate the Increase Contrast setting. Click on Increase Contrast to open the menu.</p> <p>Now explore the Increase Contrast Functions by tooggling each feature on and off while exploring different screens and apps.</p> <p>With Reduce Transparency, the Home Screen app labels are now easier to read. Contrast can be further increased by turning on Darken Colors and Reduce White Point from the Increase Contrast menu.</p>	 <p>The image is a screenshot of the "Increase Contrast" settings menu. It shows three toggle switches: "Reduce Transparency" (off), "Darken Colors" (off), and "Reduce White Point" (off). Each toggle has a descriptive subtitle below it.</p>
<p>4</p>	<p>Push the Home Button once to exit the menu.</p>	 <p>The image shows the bottom of an iPad with the Home button. A white line points from the word "Home" to the physical button.</p>

<p>5</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>6</p>	<p>Slide any toggles that are green to the left (grey) position to turn the Reduce Transparency setting off.</p>	
<p>7</p>	<p>Push the Home Button once to exit the Settings Menu.</p>	

TASK

After practicing with Increased Contrast 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?

Vision Accessibility Features available on iOS:

- *Zoom controller*: controls the power of the zoom, resizes the lens or can add filters This offers a lens that zooms and the potential for higher contrast.
- *Invert Colors*: increases contrast
- *Larger Text*: increases just the text font size
- *Bold Text*: creates bold text in apps, the keyboard and the calculator (not just in eBooks).
- *Button Shapes*: highlights buttons and links throughout the iPad or iPhone making them much easier to see.
- *Grayscale*: is another way to make the screen clearer for users with low vision