Accessibility courses online

Humber College – Media Accessibility Course

Open source and accessible online course designed to teach broadcast content creators how to make their media inclusive and accessible

Udacity – Web Accessibility course by Google

Google – Introduction to Web Accessibility

YouTube – Google’s A11yCast videos playlist by Rob Dodson

Ryerson – Web Accessibility MOOC – Professional Web

Accessibility Audit made Easy

Disability Demo Videos
Webaim students with disabilities video

JAWS screen reader demo

Voiceover screen reader demo

Puff and Sip Switch demo

Eye Tracking demo

Push Switch demo

Sign language technology

Disability Simulators

NoCoffee Visual Simulator for Chrome

Sim Daltonism Colour blindness simulator for iOS and MacOS

Automated Accessibility Testing Online Tools

Wave from WebAIM

Tenon from Tenon.io

aChecker from IDRC

Automated Accessibility Testing Browser Extensions
aXe browser extension for Firefox and Chrome

Wave browser extension for Firefox and Chrome

Screen Reader NVDA on Windows

How to use NVDA – Video by Deque

AllyCasts Screenreader Basics – NVDA

Keyboard Shortcuts for NVDA

Screen Reader Voiceover on MacOS and iOS

AllyCasts Screenreader Basics – Voiceover

Color Contrast Checkers

Online Colour Picker – ImageColourPicker

Online Contrast checker

Online Colour Codes

WebAIM Colour Contrast Checker

Captioning and Audio description of Media– Tools and Resources
Youtube – DIY Video Captioning tool for members

Amara – DIY Video Captioning tool

**Web Development Advice**

W3C BAD demo site

W3C Tips on Developing for Web Accessibility

W3C Tips on Designing for Web Accessibility

WebAIM Web Accessibility Tips for Designers

W3C Tips on Writing for Web Accessibility

NCSU Accessibility Handbook

Material Design Accessibility Guidelines for Designers

Google Web Fundamentals for Developers, Accessibility

WebAIM Screen Reader User Surveys

**Using iOS devices with Voiceover**

**To Activate Speech**

- Go to Settings -> General -> Accessibility -> Speech
• Tap to turn on Speak selection

• Tap to turn on Speak screen

**To Activate Voiceover**

• Go to Settings –> General –> Accessibility –> Voiceover

• Tap to turn on Voiceover

Interaction with the device using Voiceover is based on gestures such as **tapping** and **swiping** with 1 or 2 or 3 fingers.

**When Voiceover is ON, different gestures result in different actions.** Here are some actions:

• Turn off screen display (toggle) = Triple tap with 3 fingers

• Turn on screen display (toggle) = Triple tap with 3 fingers

• Start reading continuously = Swipe down with 2 fingers

• Turn off speech (toggle) = Double tap with 3 fingers

• Turn on speech (toggle) = Double tap with 3 fingers

• Stop reading = Single tap with 2 fingers

• Select an item = Single tap with 1 finger
• Select and read only next item = Swipe left-to-right with 1 finger

• Select and read only previous item = Swipe right-to-left with 1 finger

Activate selected item = Double tap with 1 finger

**To Deactivate Voiceover**

• Press HOME key

• For each of the following items, first select using single tap with 1 finger; then activate using double tap with 1 finger:

  • Settings → General → Accessibility Voiceover

**To enable captions on iOS Device**

1. Go to Settings

2. Select General, then Accessibility

3. Scroll down and under Media select Subtitles & Captioning

4. Enable the Closed Captions & SDH feature

5. From within the Subtitles & Captioning menu, you can also select
Style to customize caption appearance settings like size, font, color, and background.