Assistive Technology Resource Center (ATRC)

ATRC Mission:
Ensuring equal access to technology and electronic information for CSU students and employees with disabilities as defined by the Americans with Disabilities Act and Sections 504 and 508 of the Rehabilitation Act.
Most Popular Operating Systems

iOS

Android
Worldwide Smartphone Market

Worldwide Smartphone Market Forecast by OS, Unit Shipments, 3Q 2012

Android | iOS | Windows Phone | BlackBerry OS | Linux | Others

2011 Actual | 2012 Forecast | 2016 Forecast

(International Data Corporation, 2015)
Built-in Accessibility Features

- Already installed
- Helps people with disabilities
- Helpful for everyone
Enlarge Text Size

- iOS 8
- Accessibility → Larger Type
  → Tap

Apps that support Dynamic Type will adjust to your preferred reading size below.

Drag the slider below
Enlarge Text Size

- Android
  - Accessibility → Large Text
Magnification

- iOS8
- Accessibility → Zoom
Magnification

- Android
  - Accessibility → Magnification

When this feature is turned on, you can zoom in and out by triple-tapping the screen.

While zoomed in, you can:
- Pan: Drag two or more fingers across the screen.
- Adjust zoom level: Pinch two or more fingers together or spread them apart.

You can also temporarily magnify what’s under your finger by triple-tapping and holding. In this magnified state, you can drag your finger to explore different parts of the screen. Lift your finger to return to your previous state.

Note: Triple-tap for magnification works everywhere except the keyboard and navigation bar.
High Contrast

- iOS8

Accessibility → increase contrast
High Contrast

- Android
  - Android does not have inverted color option
  - Accessibility → High Contrast
Screen Reading

- **iOS8**
  - Accessibility → Speech → swipe Speak Screen
  - Accessibility → Voice Over
Screen Reading

- Android
  - Accessibility → TalkBack
Text-to-Speech

- iOS8
- Tap and hold messages and text for Speak
Text-to-Speech

- Android
- Text-to-speech app needed
Dictation

- iOS8
- Text & Audio messages
Dictation

- Android
  - Text messages
Additional Apps

- iOS & Android