# Video Magnifier/Low Vision Access in the Chromebook

Bruce McClanahan, Assistive Technology Specialist

Washington State School for the Blind

April 2023

[bruce.mcclanahan@wssb.wa.gov](mailto:bruce.mcclanahan@wssb.wa.gov)

## Video Magnifiers

Purchase a 15.6-inch touchscreen Chromebook or larger. Some TVI’s are purchasing Chromebooks that can flip and become a tablet. Some TVI’s are making the determination to purchase 17.3-inch touchscreen Chromebooks. Chromebooks can be connected to an external (larger) monitor using the HDMI port if desired.

Video magnifiers currently available for the Chromebook.

### IPEVO

IPEVO VZ-X: <https://www.ipevo.com/>

The driver for the IPEVO VZ-X for the Chromebook is web based and available at the following location: <https://apps.ipevo.com> This device has only digital magnification and will not be useful past about 3x.

### Low Vision International

MagniLink S Premium 2: <https://lviamerica.com/a/now-launching-magnilink-s-premium-2>

Install the MagniLink ChromeViewer Chrome extension. This device has optical magnification.

### Enhanced Vision

Transformer HD: <https://www.enhancedvision.com/low-vision-product-line/transformer-hd-portable-electronic-magnifier.html> Install Transformer HD Chrome extension. This device has optical magnification.

### TrySight

MagniBot is a wireless distance camera that will work with any device with a web browser. <https://irie-at.com/product/magnibot/> This device has optical magnification.

## Accessibility Settings

1. Open the System Tray in the lower right corner of the Chromebook
2. Click on “*Show Advanced Settings*”
3. Go to the Accessibility settings and check “*Show accessibility options in the system menu.”*
4. Select “*Manage accessibility features*”
5. **Display**  
   *Use high contrast mode*  
   *Enable screen magnifier*  
   *Open display device settings*, this setting allows you to change your screen resolution  
   *Open appearance settings*, this setting allows you to customize your text size
6. **Keyboard***Highlight the object with keyboard focus when it changes  
   Highlight the text caret when it appears or moves*
7. **Mouse***Show large mouse cursor*  
   *Highlight the mouse cursor when it is moving  
   Mouse Color: 8 options*

## Keystrokes

1. Screen magnifier: Ctrl+Alt+BrightnessUP or Ctrl+Alt+BrightnessDown
2. Zoom: Ctrl+ or Ctrl-
3. Screen Resolution: Ctrl+Alt+ or Ctrl+Alt-
4. Split screen: Alt+Left Bracket or Alt+Right Bracket. Then open another tab, such as a Google Doc file and slide that tab to the other side of the screen.