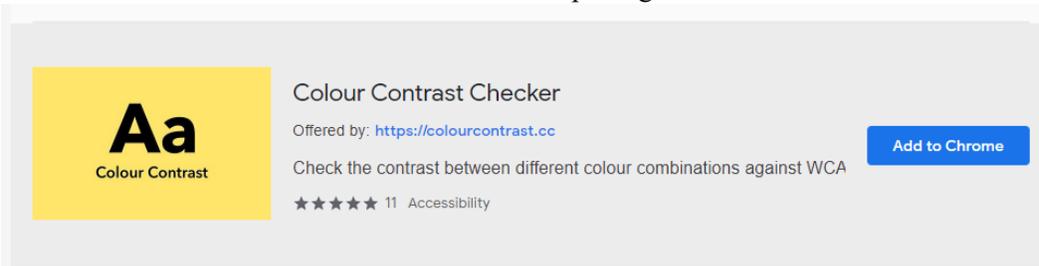## Downloading and Using Colour Contrast Checker – Chrome

To completely assess online content for accessibility, you need to consider color contrasts of text and background colors. There should also be clear contrasts between different sections of a website. This guide will explain how to download and use the Colour Contrast Checker extension for Google Chrome.
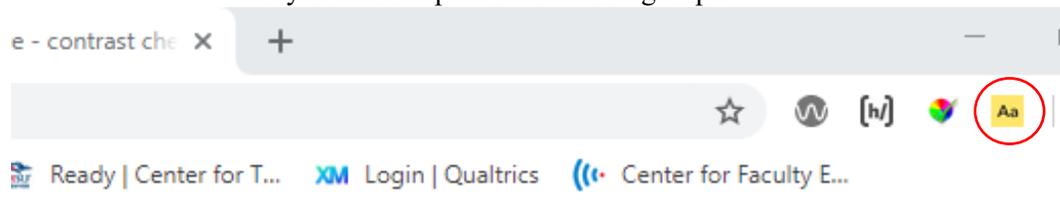
Download:
1. *Go* to the **Google Store**
2. *Search* for 'Colour Contrast Checker'
   a. Note: be sure to use the British spelling to download the correct extension.

Colour Contrast Checker
Offered by: https://colourcontrast.cc
Check the contrast between different colour combinations against WCA
★★★★★ 11 Accessibility
Add to Chrome

3. *Click* **Add to Chrome** (blue button to the right of the screen).

Using the Contrast Checker:
1. *Click* the yellow button in the upper right-hand corner of your browser; this will open a half window where you can complete the following steps.

2. *Click* the **Eyedropper Icon** under 'Background Colour'; a circle will appear on the screen.
3. *Position* the red square over a pixel containing the background color.
4. *Click* to select the color.
5. *Repeat* **Step 3** using the text/foreground color.

Understanding the Results:
1. On the left-hand side of the extension window there will be a number; this represents the contrast ratio to 1.
   a. Black on white is 21:1; white on white is 1:1.
   b. The ratio does not change if the colors are inversed.
2. Below the number are four boxes; these represent the different standards and if the contrast meets those standards.
3. AA is the standard used by the ADA; the minimum contrast for this standard is 4.5:1
4. AAA is a more rigorous standard used in other parts of the world; the minimum AAA contrast is 7:1

Additional Resources:
1. For more information on accessible colors, reference the Color Contrast Guidelines.
2. Contact the Instructional Accessibility Group at Instructional.Accessibility@msudenver.edu