

## Accessibility Tip of the Week

Color contrast issues are a problem that is easily fixed if you are aware of how to make changes. A free online tool from [WebAIM](#) checks if the colors you are using are compliant. The tool will display the contrast ratio and state whether it passes or fails Level AA and AAA requirements for both normal text and large text and WCAG 2.1 Level AA non-text requirements—so there are five pass/fail possibilities. If there is not enough contrast, use the **Lightness** sliders to change the foreground and/or background colors until you reach the desired contrast ratio.

Why does this matter? Students who suffer from blindness, color blindness, and other visual impairments cannot see when the contrast is not compliant. Here are a few examples that might help explain a little better on how students who are color blind see things.

Here is what people who do not have visual impairments see:



Original Table

Colorblind Perspective

JavaScript Courses

Course Title	Level*
Angular.js	Red
Node.js	Red
jQuery	Yellow
Introduction to JavaScript	Green

\*Red = advanced, Yellow = intermediate, Green = beginner

Here is what people who have color blindness see:



Original Table

Colorblind Perspective

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I hope this helps some of you when you are creating documents for your students. If you need any help on making your documents accessible, please reach out anytime!