

MICA Color Palette Combinations Meeting Accessibility Standards

Color Contrast

WCAG (Web Content Accessibility Guidelines) include international standards regarding color contrast accessibility. To test a set of colors for contrast meeting minimum accessibility standards, use the [WebAim Contrast Checker](#); designate the background color and the text color using hex codes. Find [MICA brand colors here](#).

Contrast Checker

[Home](#) > [Resources](#) > Contrast Checker

Foreground Color
#A7A8AA
Lightness

Background Color
#E10098
Lightness

Contrast Ratio
1.89:1

[permalink](#)

Normal Text

WCAG AA: **Fail**

WCAG AAA: **Fail**

The five boxing wizards jump quickly.

Large Text

WCAG AA: **Fail**

WCAG AAA: **Fail**

The five boxing wizards jump quickly.

Colors to Use on a Magenta Background:

- #FFFFFF white text
- #000000 black text
- #FEDB00 yellow only in large, bolded text
- #10069F blue only in large, bolded text

Do not use text in these colors against the magenta background:

- #0047BB blue text; #fe5000 orange text; #2dc84d green text; #A7A8AA gray text
- Text in these colors on the magenta background fail both WCAG AA and WCAG AAA accessibility standards

Colors to Use on an Orange Background:

- #FFFFFF white text only in large, bolded text
- #000000 black text
- #10069F blue only in large, bolded text

Do not use text in these colors against the orange background:

- #0047BB blue text; #FEDB00 yellow text; #2dc84d green text; #E10098 magenta text, #A7A8AA gray text
- Text in these colors on the orange background fail both WCAG AA and WCAG AAA accessibility standards

Colors to Use on a Yellow Background:

- #000000 black text
- #10069F blue text
- #0047BB blue text
- #E10098 magenta only in large, bolded text

Do not use text in these colors against the yellow background:

- #FFFFFF white text; #fe5000 orange text; #2dc84d green text; #A7A8AA gray text
- Text in these colors on the yellow background fail both WCAG AA and WCAG AAA accessibility standards.

On a #10069f Blue Background

- #FFFFFF white text
- #FEDB00 yellow text
- #A7A8AA gray text
- #fe5000 orange text
- #2dc84d green text
- #E10098 only magenta in large, bolded text

Do not use text in these colors against this background:

- #000000 black text; #0047BB blue text
- Text in these colors on the dark blue background fail both WCAG AA and WCAG AAA accessibility standards

On a #0047BB Blue Background:

- #FFFFFF white text
- #FEDB00 yellow text
- #A7A8AA gray only in large, bolded text
- #fe5000 only orange in large, bolded text
- #2dc84d only green in large, bolded text

Do not use text in these colors against this background:

- #000000 black text; #10069F blue text; #E10098 magenta text,
- Text in these colors on the medium blue background fail both WCAG AA and WCAG AAA accessibility standards

On a #2dc84d Green background

- #000000 black text
- #0047BB only blue in large, bolded text
- #10069F blue text

Do not use text in these colors against the green background:

- #FFFFFF white text; #fe5000 orange text; #FEDB00 yellow text; #E10098 magenta text, #A7A8AA gray text
- Text in these colors on the green background fail both WCAG AA and WCAG AAA accessibility standards

On a Black Background

- #FFFFFF white text
- #FEDB00 yellow text
- #A7A8AA gray text
- #fe5000 orange text
- #2dc84d green text
- #E10098 magenta text

Do not use text in these colors against the black background:

- #0047BB blue text; #10069F blue text
- Text in these colors on the black background fail both WCAG AA and WCAG AAA accessibility standards

On a White Background

- #000000 black text
- #E10098 magenta text
- #0047BB blue text
- #10069F blue text
- #fe5000 orange only in large, bold text

Do not use text in these colors against the white background:

- #FEDB00 yellow text; #2dc84d green text; #A7A8AA gray text
- Text in these colors on the white background fail both WCAG AA and WCAG AAA accessibility standards

On a Gray Background

- #000000 black text
- #0047BB blue only in large, bolded text
- #10069F blue only in large, bolded text

Do not use text in these colors against the gray background:

- #FFFFFF white text; #fe5000 orange text; #FEDB00 yellow text; #2dc84d green text; #E10098 magenta text
- Text in these colors on the gray background fail both WCAG AA and WCAG AAA accessibility standards

Color Blindness Accessibility

Also consider using a color blindness accessibility checker such as [Coblis](#) or avoid color combinations such as these:

- Magenta & green
- Orange & green
- Green & brown
- Green & blue
- Blue & gray
- Green & gray
- Green & black

If it's not possible to avoid combinations that are inaccessible both in terms of contrast and color blindness, focus on contrast, which impacts a larger and more diverse audience. For more on the problems with prioritizing color blindness accessibility over other sorts, see [data visualization accessibility specialist Frank Elavsky's explanation](#) of how patriarchy and Eurocentrism intersect with accessibility practices.