

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.

| | Hex(330018) | Hex(FFE4FA) | Hex(652E43) | Hex(7F455A) | Hex(9A5E73) | Hex(B5778C) | Hex(D191A6) | Hex(EEACC2) | Hex(FFC8DD) |
|-------------|---|---|---|---|-------------------------------------|---|-------------------------------------|---|---|
| Hex(330018) | | Ratio: 15.36 Passed ⁶ | Ratio: 1.75 Failed ⁵ | Ratio: 2.51 Failed ⁵ | Ratio: 3.66 AA 18pt ² | Ratio: 5.18 AA ¹ AAA 18pt ⁴ | Ratio: 7.20 Passed ⁶ | Ratio: 9.81 Passed ⁶ | Ratio: 12.62 Passed ⁶ |
| Hex(FFE4FA) | Ratio: 15.36 Passed ⁶ | | Ratio: 8.75 Passed ⁶ | Ratio: 6.11 AA ¹ AAA 18pt ⁴ | Ratio: 4.20 AA 18pt ² | Ratio: 2.96 Failed ⁵ | Ratio: 2.13 Failed ⁵ | Ratio: 1.57 Failed ⁵ | Ratio: 1.22 Failed ⁵ |
| Hex(652E43) | Ratio: 1.75 Failed ⁵ | Ratio: 8.75 Passed ⁶ | | Ratio: 1.43 Failed ⁵ | Ratio: 2.09 Failed ⁵ | Ratio: 2.95 Failed ⁵ | Ratio: 4.10 AA 18pt ² | Ratio: 5.59 AA ¹ AAA 18pt ⁴ | Ratio: 7.19 Passed ⁶ |
| Hex(7F455A) | Ratio: 2.51 Failed ⁵ | Ratio: 6.11 AA ¹ AAA 18pt ⁴ | Ratio: 1.43 Failed ⁵ | | Ratio: 1.46 Failed ⁵ | Ratio: 2.06 Failed ⁵ | Ratio: 2.86 Failed ⁵ | Ratio: 3.90 AA 18pt ² | Ratio: 5.02 AA ¹ AAA 18pt ⁴ |
| Hex(9A5E73) | Ratio: 3.66 AA 18pt ² | Ratio: 4.20 AA 18pt ² | Ratio: 2.09 Failed ⁵ | Ratio: 1.46 Failed ⁵ | | Ratio: 1.42 Failed ⁵ | Ratio: 1.97 Failed ⁵ | Ratio: 2.68 Failed ⁵ | Ratio: 3.45 AA 18pt ² |
| Hex(B5778C) | Ratio: 5.18 AA ¹ AAA 18pt ⁴ | Ratio: 2.96 Failed ⁵ | Ratio: 2.95 Failed ⁵ | Ratio: 2.06 Failed ⁵ | Ratio: 1.42 Failed ⁵ | | Ratio: 1.39 Failed ⁵ | Ratio: 1.89 Failed ⁵ | Ratio: 2.43 Failed ⁵ |
| Hex(D191A6) | Ratio: 7.20 Passed ⁶ | Ratio: 2.13 Failed ⁵ | Ratio: 4.10 AA 18pt ² | Ratio: 2.86 Failed ⁵ | Ratio: 1.97 Failed ⁵ | Ratio: 1.39 Failed ⁵ | | Ratio: 1.36 Failed ⁵ | Ratio: 1.75 Failed ⁵ |
| Hex(EEACC2) | Ratio: 9.81 Passed ⁶ | Ratio: 1.57 Failed ⁵ | Ratio: 5.59 AA ¹ AAA 18pt ⁴ | Ratio: 3.90 AA 18pt ² | Ratio: 2.68 Failed ⁵ | Ratio: 1.89 Failed ⁵ | Ratio: 1.36 Failed ⁵ | | Ratio: 1.29 Failed ⁵ |
| Hex(FFC8DD) | Ratio: 12.62 Passed ⁶ | Ratio: 1.22 Failed ⁵ | Ratio: 7.19 Passed ⁶ | Ratio: 5.02 AA ¹ AAA 18pt ⁴ | Ratio: 3.45 AA 18pt ² | Ratio: 2.43 Failed ⁵ | Ratio: 1.75 Failed ⁵ | Ratio: 1.29 Failed ⁵ | |

Details can be found at <https://www.w3.org/TR/WCAG20/>.

¹ AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

² AA 18pt

AA level for large text above 18pt.

³ AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

⁴ AAA 18pt

AAA level for large text above 18pt.

⁵ Failed

Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

⁶ Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

This PDF was generated on convertingcolors.com.