

Converting Colors - WCAG Matrix

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

Hex(733D62) Hex(FFFFFF) Hex(A86E95) Hex(C488AF) Hex(E0A3CB) Hex(FDBEE7) Hex(FFDAFF) Hex(FFF7FF)

| | Hex(733D62) | Hex(FFFFFF) | Hex(A86E95) | Hex(C488AF) | Hex(E0A3CB) | Hex(FDBEE7) | Hex(FFDAFF) | Hex(FFF7FF) |
|-------------|---|-------------------------------------|-------------------------------------|------------------------------------|-------------------------------------|---|---|-------------------------------------|
| Hex(733D62) | | Ratio: 8.16 Passed ⁶ | Ratio: 2.07 Failed ⁵ | Ratio: 2.91 Failed ⁵ | Ratio: 3.99 AA 18pt ² | Ratio: 5.32 AA ¹ AAA 18pt ⁴ | Ratio: 6.50 AA ¹ AAA 18pt ⁴ | Ratio: 7.77 Passed ⁶ |
| Hex(FFFFFF) | Ratio: 8.16 Passed ⁶ | | Ratio: 3.94 AA 18pt ² | Ratio: 2.80 Failed ⁵ | Ratio: 2.04 Failed ⁵ | Ratio: 1.53 Failed ⁵ | Ratio: 1.26 Failed ⁵ | Ratio: 1.05 Failed ⁵ |
| Hex(A86E95) | Ratio: 2.07 Failed ⁵ | Ratio: 3.94 AA 18pt ² | | Ratio: 1.40 Failed ⁵ | Ratio: 1.93 Failed ⁵ | Ratio: 2.57 Failed ⁵ | Ratio: 3.14 AA 18pt ² | Ratio: 3.75 AA 18pt ² |
| Hex(C488AF) | Ratio: 2.91 Failed ⁵ | Ratio: 2.80 Failed ⁵ | Ratio: 1.40 Failed ⁵ | | Ratio: 1.37 Failed ⁵ | Ratio: 1.83 Failed ⁵ | Ratio: 2.23 Failed ⁵ | Ratio: 2.67 Failed ⁵ |
| Hex(E0A3CB) | Ratio: 3.99 AA 18pt ² | Ratio: 2.04 Failed ⁵ | Ratio: 1.93 Failed ⁵ | Ratio: 1.37 Failed ⁵ | | Ratio: 1.33 Failed ⁵ | Ratio: 1.63 Failed ⁵ | Ratio: 1.95 Failed ⁵ |
| Hex(FDBEE7) | Ratio: 5.32 AA ¹ AAA 18pt ⁴ | Ratio: 1.53 Failed ⁵ | Ratio: 2.57 Failed ⁵ | Ratio: 1.83 Failed ⁵ | Ratio: 1.33 Failed ⁵ | | Ratio: 1.22 Failed ⁵ | Ratio: 1.46 Failed ⁵ |
| Hex(FFDAFF) | Ratio: 6.50 AA ¹ AAA 18pt ⁴ | Ratio: 1.26 Failed ⁵ | Ratio: 3.14 AA 18pt ² | Ratio: 2.23 Failed ⁵ | Ratio: 1.63 Failed ⁵ | Ratio: 1.22 Failed ⁵ | | Ratio: 1.20 Failed ⁵ |
| Hex(FFF7FF) | Ratio: 7.77 Passed ⁶ | Ratio: 1.05 Failed ⁵ | Ratio: 3.75 AA 18pt ² | Ratio: 2.67 Failed ⁵ | Ratio: 1.95 Failed ⁵ | Ratio: 1.46 Failed ⁵ | Ratio: 1.20 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.

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