

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(9C479B) Hex(CC47CA) Hex(9C4772) Hex(4F474F) Hex(8F008D) Hex(0F000F)

| | Hex(9C479B) | Hex(CC47CA) | Hex(9C4772) | Hex(4F474F) | Hex(8F008D) | Hex(0F000F) |
|-------------|---|---|---|--|--|---|
| Hex(9C479B) | | Ratio: 1.40 Failed ⁵ | Ratio: 1.06 Failed ⁵ | Ratio: 1.61 Failed ⁵ | Ratio: 1.48 Failed ⁵ | Ratio: 3.69 AA 18pt ² |
| Hex(CC47CA) | Ratio: 1.40 Failed ⁵ | | Ratio: 1.50 Failed ⁵ | Ratio: 2.27 Failed ⁵ | Ratio: 2.08 Failed ⁵ | Ratio: 5.18 AA ¹ AAA 18pt ⁴ |
| Hex(9C4772) | Ratio: 1.06 Failed ⁵ | Ratio: 1.50 Failed ⁵ | | Ratio: 1.52 Failed ⁵ | Ratio: 1.39 Failed ⁵ | Ratio: 3.46 AA 18pt ² |
| Hex(4F474F) | Ratio: 1.61 Failed ⁵ | Ratio: 2.27 Failed ⁵ | Ratio: 1.52 Failed ⁵ | | Ratio: 1.09 Failed ⁵ | Ratio: 2.28 Failed ⁵ |
| Hex(8F008D) | Ratio: 1.48 Failed ⁵ | Ratio: 2.08 Failed ⁵ | Ratio: 1.39 Failed ⁵ | Ratio: 1.09 Failed ⁵ | | Ratio: 2.49 Failed ⁵ |
| Hex(0F000F) | Ratio: 3.69 AA 18pt ² | Ratio: 5.18 AA ¹ AAA 18pt ⁴ | Ratio: 3.46 AA 18pt ² | Ratio: 2.28 Failed ⁵ | Ratio: 2.49 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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