

Converting Colors - WCAG Matrix

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

Hex(6C427A) Hex(89479E) Hex(7A426C) Hex(3C373D) Hex(5F007D) Hex(C000FC)

| | Hex(6C427A) | Hex(89479E) | Hex(7A426C) | Hex(3C373D) | Hex(5F007D) | Hex(C000FC) |
|-------------|--|--|--|--|--|--|
| Hex(6C427A) | | Ratio: 1.28 Failed ⁵ | Ratio: 1.05 Failed ⁵ | Ratio: 1.49 Failed ⁵ | Ratio: 1.51 Failed ⁵ | Ratio: 1.72 Failed ⁵ |
| Hex(89479E) | Ratio: 1.28 Failed ⁵ | | Ratio: 1.22 Failed ⁵ | Ratio: 1.92 Failed ⁵ | Ratio: 1.94 Failed ⁵ | Ratio: 1.34 Failed ⁵ |
| Hex(7A426C) | Ratio: 1.05 Failed ⁵ | Ratio: 1.22 Failed ⁵ | | Ratio: 1.56 Failed ⁵ | Ratio: 1.58 Failed ⁵ | Ratio: 1.65 Failed ⁵ |
| Hex(3C373D) | Ratio: 1.49 Failed ⁵ | Ratio: 1.92 Failed ⁵ | Ratio: 1.56 Failed ⁵ | | Ratio: 1.01 Failed ⁵ | Ratio: 2.57 Failed ⁵ |
| Hex(5F007D) | Ratio: 1.51 Failed ⁵ | Ratio: 1.94 Failed ⁵ | Ratio: 1.58 Failed ⁵ | Ratio: 1.01 Failed ⁵ | | Ratio: 2.61 Failed ⁵ |
| Hex(C000FC) | Ratio: 1.72 Failed ⁵ | Ratio: 1.34 Failed ⁵ | Ratio: 1.65 Failed ⁵ | Ratio: 2.57 Failed ⁵ | Ratio: 2.61 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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