

Converting Colors - WCAG Matrix

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

Hex(805CF1) Hex(7042FF) Hex(C95CF1) Hex(6F6C78) Hex(2C00B8) Hex(0E0038)

	Hex(805CF1)	Hex(7042FF)	Hex(C95CF1)	Hex(6F6C78)	Hex(2C00B8)	Hex(0E0038)
Hex(805CF1)		Ratio: 1.21 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 4.39 AA 18pt ²
Hex(7042FF)	Ratio: 1.21 Failed ⁵		Ratio: 1.61 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 3.64 AA 18pt ²
Hex(C95CF1)	Ratio: 1.33 Failed ⁵	Ratio: 1.61 Failed ⁵		Ratio: 1.54 Failed ⁵	Ratio: 3.49 AA 18pt ²	Ratio: 5.84 AA ¹ AAA 18pt ⁴
Hex(6F6C78)	Ratio: 1.15 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.54 Failed ⁵		Ratio: 2.27 Failed ⁵	Ratio: 3.80 AA 18pt ²
Hex(2C00B8)	Ratio: 2.62 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 3.49 AA 18pt ²	Ratio: 2.27 Failed ⁵		Ratio: 1.67 Failed ⁵
Hex(0E0038)	Ratio: 4.39 AA 18pt ²	Ratio: 3.64 AA 18pt ²	Ratio: 5.84 AA ¹ AAA 18pt ⁴	Ratio: 3.80 AA 18pt ²	Ratio: 1.67 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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