

Converting Colors - WCAG Matrix

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

Hex(F0CFFF) Hex(EDC4FF) Hex(FFCFF5) Hex(7A7380) Hex(8200BF) Hex(2B0040)

	Hex(F0CFFF)	Hex(EDC4FF)	Hex(FFCFF5)	Hex(7A7380)	Hex(8200BF)	Hex(2B0040)
Hex(F0CFFF)		Ratio: 1.08 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 3.28 AA 18pt ²	Ratio: 5.58 AA ¹ AAA 18pt ⁴	Ratio: 12.81 Passed ⁶
Hex(EDC4FF)	Ratio: 1.08 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 3.04 AA 18pt ²	Ratio: 5.16 AA ¹ AAA 18pt ⁴	Ratio: 11.85 Passed ⁶
Hex(FFCFF5)	Ratio: 1.03 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 3.37 AA 18pt ²	Ratio: 5.74 AA ¹ AAA 18pt ⁴	Ratio: 13.17 Passed ⁶
Hex(7A7380)	Ratio: 3.28 AA 18pt ²	Ratio: 3.04 AA 18pt ²	Ratio: 3.37 AA 18pt ²		Ratio: 1.70 Failed ⁵	Ratio: 3.90 AA 18pt ²
Hex(8200BF)	Ratio: 5.58 AA ¹ AAA 18pt ⁴	Ratio: 5.16 AA ¹ AAA 18pt ⁴	Ratio: 5.74 AA ¹ AAA 18pt ⁴	Ratio: 1.70 Failed ⁵		Ratio: 2.30 Failed ⁵
Hex(2B0040)	Ratio: 12.81 Passed ⁶	Ratio: 11.85 Passed ⁶	Ratio: 13.17 Passed ⁶	Ratio: 3.90 AA 18pt ²	Ratio: 2.30 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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