

Converting Colors - WCAG Matrix

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

Hex(F8E8FF) Hex(F6E3FF) Hex(FFE8FB) Hex(7C7380) Hex(8500BF) Hex(2C0040)

	Hex(F8E8FF)	Hex(F6E3FF)	Hex(FFE8FB)	Hex(7C7380)	Hex(8500BF)	Hex(2C0040)
Hex(F8E8FF)		Ratio: 1.04 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.89 AA 18pt ²	Ratio: 6.54 AA ¹ AAA 18pt ⁴	Ratio: 15.22 Passed ⁶
Hex(F6E3FF)	Ratio: 1.04 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 3.75 AA 18pt ²	Ratio: 6.31 AA ¹ AAA 18pt ⁴	Ratio: 14.69 Passed ⁶
Hex(FFE8FB)	Ratio: 1.01 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 3.94 AA 18pt ²	Ratio: 6.61 AA ¹ AAA 18pt ⁴	Ratio: 15.40 Passed ⁶
Hex(7C7380)	Ratio: 3.89 AA 18pt ²	Ratio: 3.75 AA 18pt ²	Ratio: 3.94 AA 18pt ²		Ratio: 1.68 Failed ⁵	Ratio: 3.91 AA 18pt ²
Hex(8500BF)	Ratio: 6.54 AA ¹ AAA 18pt ⁴	Ratio: 6.31 AA ¹ AAA 18pt ⁴	Ratio: 6.61 AA ¹ AAA 18pt ⁴	Ratio: 1.68 Failed ⁵		Ratio: 2.33 Failed ⁵
Hex(2C0040)	Ratio: 15.22 Passed ⁶	Ratio: 14.69 Passed ⁶	Ratio: 15.40 Passed ⁶	Ratio: 3.91 AA 18pt ²	Ratio: 2.33 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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