

Converting Colors - WCAG Matrix

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

Hex(F9EAFB) Hex(F8E6FF) Hex(FFEAFB) Hex(7C7380) Hex(8800BF) Hex(2D0040)

	Hex(F9EAFB)	Hex(F8E6FF)	Hex(FFEAFB)	Hex(7C7380)	Hex(8800BF)	Hex(2D0040)
Hex(F9EAFB)		Ratio: 1.03 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 6.52 AA ¹ AAA 18pt ⁴	Ratio: 15.39 Passed ⁶
Hex(F8E6FF)	Ratio: 1.03 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 3.84 AA 18pt ²	Ratio: 6.34 AA ¹ AAA 18pt ⁴	Ratio: 14.97 Passed ⁶
Hex(FFEAFB)	Ratio: 1.01 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 3.98 AA 18pt ²	Ratio: 6.58 AA ¹ AAA 18pt ⁴	Ratio: 15.53 Passed ⁶
Hex(7C7380)	Ratio: 3.95 AA 18pt ²	Ratio: 3.84 AA 18pt ²	Ratio: 3.98 AA 18pt ²		Ratio: 1.65 Failed ⁵	Ratio: 3.90 AA 18pt ²
Hex(8800BF)	Ratio: 6.52 AA ¹ AAA 18pt ⁴	Ratio: 6.34 AA ¹ AAA 18pt ⁴	Ratio: 6.58 AA ¹ AAA 18pt ⁴	Ratio: 1.65 Failed ⁵		Ratio: 2.36 Failed ⁵
Hex(2D0040)	Ratio: 15.39 Passed ⁶	Ratio: 14.97 Passed ⁶	Ratio: 15.53 Passed ⁶	Ratio: 3.90 AA 18pt ²	Ratio: 2.36 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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