

Converting Colors - WCAG Matrix

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

Hex(F2CEFF) Hex(EFC4FF) Hex(FFCEF4) Hex(7C7380) Hex(8C00BF) Hex(2F0040)

	Hex(F2CEFF)	Hex(EFC4FF)	Hex(FFCEF4)	Hex(7C7380)	Hex(8C00BF)	Hex(2F0040)
Hex(F2CEFF)		Ratio: 1.07 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 3.26 AA 18pt ²	Ratio: 5.25 AA ¹ AAA 18pt ⁴	Ratio: 12.59 Passed ⁶
Hex(EFC4FF)	Ratio: 1.07 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 3.03 AA 18pt ²	Ratio: 4.89 AA ¹ AAA 18pt ⁴	Ratio: 11.72 Passed ⁶
Hex(FFCEF4)	Ratio: 1.02 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 3.33 AA 18pt ²	Ratio: 5.37 AA ¹ AAA 18pt ⁴	Ratio: 12.88 Passed ⁶
Hex(7C7380)	Ratio: 3.26 AA 18pt ²	Ratio: 3.03 AA 18pt ²	Ratio: 3.33 AA 18pt ²		Ratio: 1.61 Failed ⁵	Ratio: 3.87 AA 18pt ²
Hex(8C00BF)	Ratio: 5.25 AA ¹ AAA 18pt ⁴	Ratio: 4.89 AA ¹ AAA 18pt ⁴	Ratio: 5.37 AA ¹ AAA 18pt ⁴	Ratio: 1.61 Failed ⁵		Ratio: 2.40 Failed ⁵
Hex(2F0040)	Ratio: 12.59 Passed ⁶	Ratio: 11.72 Passed ⁶	Ratio: 12.88 Passed ⁶	Ratio: 3.87 AA 18pt ²	Ratio: 2.40 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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