

Converting Colors - WCAG Matrix

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

Hex(FEF5FB) Hex(FFF5FC) Hex(F7FEF5) Hex(80797D) Hex(BF0080) Hex(40002B)

	Hex(FEF5FB)	Hex(FFF5FC)	Hex(F7FEF5)	Hex(80797D)	Hex(BF0080)	Hex(40002B)
Hex(FEF5FB)		Ratio: 1.00 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 3.97 AA 18pt ²	Ratio: 5.58 AA ¹ AAA 18pt ⁴	Ratio: 15.70 Passed ⁶
Hex(FFF5FC)	Ratio: 1.00 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 3.98 AA 18pt ²	Ratio: 5.59 AA ¹ AAA 18pt ⁴	Ratio: 15.74 Passed ⁶
Hex(F7FEF5)	Ratio: 1.04 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 4.13 AA 18pt ²	Ratio: 5.80 AA ¹ AAA 18pt ⁴	Ratio: 16.32 Passed ⁶
Hex(80797D)	Ratio: 3.97 AA 18pt ²	Ratio: 3.98 AA 18pt ²	Ratio: 4.13 AA 18pt ²		Ratio: 1.40 Failed ⁵	Ratio: 3.95 AA 18pt ²
Hex(BF0080)	Ratio: 5.58 AA ¹ AAA 18pt ⁴	Ratio: 5.59 AA ¹ AAA 18pt ⁴	Ratio: 5.80 AA ¹ AAA 18pt ⁴	Ratio: 1.40 Failed ⁵		Ratio: 2.82 Failed ⁵
Hex(40002B)	Ratio: 15.70 Passed ⁶	Ratio: 15.74 Passed ⁶	Ratio: 16.32 Passed ⁶	Ratio: 3.95 AA 18pt ²	Ratio: 2.82 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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