

Converting Colors - WCAG Matrix

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

Hex(F1E9EE) Hex(FFF5FB) Hex(F1E9EA) Hex(787276) Hex(B80073) Hex(380023)

	Hex(F1E9EE)	Hex(FFF5FB)	Hex(F1E9EA)	Hex(787276)	Hex(B80073)	Hex(380023)
Hex(F1E9EE)		Ratio: 1.12 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 5.37 AA ¹ AAA 18pt ⁴	Ratio: 14.79 Passed ⁶
Hex(FFF5FB)	Ratio: 1.12 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 4.41 AA 18pt ²	Ratio: 6.00 AA ¹ AAA 18pt ⁴	Ratio: 16.53 Passed ⁶
Hex(F1E9EA)	Ratio: 1.00 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 3.94 AA 18pt ²	Ratio: 5.35 AA ¹ AAA 18pt ⁴	Ratio: 14.75 Passed ⁶
Hex(787276)	Ratio: 3.95 AA 18pt ²	Ratio: 4.41 AA 18pt ²	Ratio: 3.94 AA 18pt ²		Ratio: 1.36 Failed ⁵	Ratio: 3.75 AA 18pt ²
Hex(B80073)	Ratio: 5.37 AA ¹ AAA 18pt ⁴	Ratio: 6.00 AA ¹ AAA 18pt ⁴	Ratio: 5.35 AA ¹ AAA 18pt ⁴	Ratio: 1.36 Failed ⁵		Ratio: 2.76 Failed ⁵
Hex(380023)	Ratio: 14.79 Passed ⁶	Ratio: 16.53 Passed ⁶	Ratio: 14.75 Passed ⁶	Ratio: 3.75 AA 18pt ²	Ratio: 2.76 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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