

Converting Colors - WCAG Matrix

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

Hex(F1E3EF) Hex(FFEDFC) Hex(F1E3E8) Hex(786E76) Hex(B8009D) Hex(380030)

	Hex(F1E3EF)	Hex(FFEDFC)	Hex(F1E3E8)	Hex(786E76)	Hex(B8009D)	Hex(380030)
Hex(F1E3EF)		Ratio: 1.11 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 4.82 AA ¹ AAA 18pt ⁴	Ratio: 14.02 Passed ⁶
Hex(FFEDFC)	Ratio: 1.11 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 4.38 AA 18pt ²	Ratio: 5.33 AA ¹ AAA 18pt ⁴	Ratio: 15.50 Passed ⁶
Hex(F1E3E8)	Ratio: 1.00 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 3.94 AA 18pt ²	Ratio: 4.79 AA ¹ AAA 18pt ⁴	Ratio: 13.95 Passed ⁶
Hex(786E76)	Ratio: 3.96 AA 18pt ²	Ratio: 4.38 AA 18pt ²	Ratio: 3.94 AA 18pt ²		Ratio: 1.22 Failed ⁵	Ratio: 3.54 AA 18pt ²
Hex(B8009D)	Ratio: 4.82 AA ¹ AAA 18pt ⁴	Ratio: 5.33 AA ¹ AAA 18pt ⁴	Ratio: 4.79 AA ¹ AAA 18pt ⁴	Ratio: 1.22 Failed ⁵		Ratio: 2.91 Failed ⁵
Hex(380030)	Ratio: 14.02 Passed ⁶	Ratio: 15.50 Passed ⁶	Ratio: 13.95 Passed ⁶	Ratio: 3.54 AA 18pt ²	Ratio: 2.91 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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