

Converting Colors - WCAG Matrix

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

Hex(F8E1D5) Hex(FFF8F5) Hex(F8D5ED) Hex(807B79) Hex(000000) Hex(808080)

	Hex(F8E1D5)	Hex(FFF8F5)	Hex(F8D5ED)	Hex(807B79)	Hex(000000)	Hex(808080)
Hex(F8E1D5)		Ratio: 1.20 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 3.33 AA 18pt ²	Ratio: 16.72 Passed ⁶	Ratio: 3.14 AA 18pt ²
Hex(FFF8F5)	Ratio: 1.20 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 3.98 AA 18pt ²	Ratio: 20.00 Passed ⁶	Ratio: 3.76 AA 18pt ²
Hex(F8D5ED)	Ratio: 1.06 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 3.13 AA 18pt ²	Ratio: 15.73 Passed ⁶	Ratio: 2.96 Failed ⁵
Hex(807B79)	Ratio: 3.33 AA 18pt ²	Ratio: 3.98 AA 18pt ²	Ratio: 3.13 AA 18pt ²		Ratio: 5.03 AA ¹ AAA 18pt ⁴	Ratio: 1.06 Failed ⁵
Hex(000000)	Ratio: 16.72 Passed ⁶	Ratio: 20.00 Passed ⁶	Ratio: 15.73 Passed ⁶	Ratio: 5.03 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 3.14 AA 18pt ²	Ratio: 3.76 AA 18pt ²	Ratio: 2.96 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 5.32 AA ¹ AAA 18pt ⁴	

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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