

Converting Colors - WCAG Matrix

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

Hex(FFE1CA) Hex(FFF6F0) Hex(FFCAE8) Hex(807A77) Hex(000000) Hex(808080)

	Hex(FFE1CA)	Hex(FFF6F0)	Hex(FFCAE8)	Hex(807A77)	Hex(000000)	Hex(808080)
Hex(FFE1CA)		Ratio: 1.17 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 3.40 AA 18pt ²	Ratio: 16.88 Passed ⁶	Ratio: 3.17 AA 18pt ²
Hex(FFF6F0)	Ratio: 1.17 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 19.69 Passed ⁶	Ratio: 3.70 AA 18pt ²
Hex(FFCAE8)	Ratio: 1.14 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 2.99 Failed ⁵	Ratio: 14.87 Passed ⁶	Ratio: 2.80 Failed ⁵
Hex(807A77)	Ratio: 3.40 AA 18pt ²	Ratio: 3.96 AA 18pt ²	Ratio: 2.99 Failed ⁵		Ratio: 4.97 AA ¹ AAA 18pt ⁴	Ratio: 1.07 Failed ⁵
Hex(000000)	Ratio: 16.88 Passed ⁶	Ratio: 19.69 Passed ⁶	Ratio: 14.87 Passed ⁶	Ratio: 4.97 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 3.17 AA 18pt ²	Ratio: 3.70 AA 18pt ²	Ratio: 2.80 Failed ⁵	Ratio: 1.07 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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