

Converting Colors - WCAG Matrix

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

Hex(FFDFCC) Hex(FFF6F0) Hex(FFCCEC) Hex(807A77) Hex(000000) Hex(808080)

	Hex(FFDFCC)	Hex(FFF6F0)	Hex(FFCCEC)	Hex(807A77)	Hex(000000)	Hex(808080)
Hex(FFDFCC)		Ratio: 1.18 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 3.36 AA 18pt ²	Ratio: 16.68 Passed ⁶	Ratio: 3.14 AA 18pt ²
Hex(FFF6F0)	Ratio: 1.18 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 19.69 Passed ⁶	Ratio: 3.70 AA 18pt ²
Hex(FFCCEC)	Ratio: 1.10 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 3.04 AA 18pt ²	Ratio: 15.10 Passed ⁶	Ratio: 2.84 Failed ⁵
Hex(807A77)	Ratio: 3.36 AA 18pt ²	Ratio: 3.96 AA 18pt ²	Ratio: 3.04 AA 18pt ²		Ratio: 4.97 AA ¹ AAA 18pt ⁴	Ratio: 1.07 Failed ⁵
Hex(000000)	Ratio: 16.68 Passed ⁶	Ratio: 19.69 Passed ⁶	Ratio: 15.10 Passed ⁶	Ratio: 4.97 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 3.14 AA 18pt ²	Ratio: 3.70 AA 18pt ²	Ratio: 2.84 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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