

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(CF8760) Hex(FFE5D6) Hex(CF60A8) Hex(807067) Hex(000000) Hex(808080)

Hex(CF8760)		Ratio: 2.39 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 7.29 Passed ⁶	Ratio: 1.37 Failed ⁵
Hex(FFE5D6)	Ratio: 2.39 Failed ⁵		Ratio: 2.96 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 17.43 Passed ⁶	Ratio: 3.28 AA 18pt ²
Hex(CF60A8)	Ratio: 1.24 Failed ⁵	Ratio: 2.96 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 5.89 AA ¹ AAA 18pt ⁴	Ratio: 1.11 Failed ⁵
Hex(807067)	Ratio: 1.64 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 1.33 Failed ⁵		Ratio: 4.43 AA 18pt ²	Ratio: 1.20 Failed ⁵
Hex(000000)	Ratio: 7.29 Passed ⁶	Ratio: 17.43 Passed ⁶	Ratio: 5.89 AA ¹ AAA 18pt ⁴	Ratio: 4.43 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.37 Failed ⁵	Ratio: 3.28 AA 18pt ²	Ratio: 1.11 Failed ⁵	Ratio: 1.20 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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