

Converting Colors - WCAG Matrix

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

	Hex(77411C)	Hex(FFFFFF)	Hex(AF714A)	Hex(CC8B62)	Hex(EAA67B)	Hex(FFC195)	Hex(FFDDB0)	Hex(FFF9CC)	Hex(FFFE8)
Hex(77411C)		Ratio: 8.21 Passed ⁶	Ratio: 2.07 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 4.00 AA 18pt ²	Ratio: 5.21 AA ¹ AAA 18pt ⁴	Ratio: 6.34 AA ¹ AAA 18pt ⁴	Ratio: 7.69 Passed ⁶	Ratio: 8.10 Passed ⁶
Hex(FFFFFF)	Ratio: 8.21 Passed ⁶		Ratio: 3.97 AA 18pt ²	Ratio: 2.82 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(AF714A)	Ratio: 2.07 Failed ⁵	Ratio: 3.97 AA 18pt ²		Ratio: 1.41 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 3.07 AA 18pt ²	Ratio: 3.72 AA 18pt ²	Ratio: 3.92 AA 18pt ²
Hex(CC8B62)	Ratio: 2.91 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 2.79 Failed ⁵
Hex(EAA67B)	Ratio: 4.00 AA 18pt ²	Ratio: 2.05 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.02 Failed ⁵
Hex(FFC195)	Ratio: 5.21 AA ¹ AAA 18pt ⁴	Ratio: 1.58 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.56 Failed ⁵
Hex(FFDDB0)	Ratio: 6.34 AA ¹ AAA 18pt ⁴	Ratio: 1.29 Failed ⁵	Ratio: 3.07 AA 18pt ²	Ratio: 2.18 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.28 Failed ⁵
Hex(FFF9CC)	Ratio: 7.69 Passed ⁶	Ratio: 1.07 Failed ⁵	Ratio: 3.72 AA 18pt ²	Ratio: 2.65 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(FFFE8)	Ratio: 8.10 Passed ⁶	Ratio: 1.01 Failed ⁵	Ratio: 3.92 AA 18pt ²	Ratio: 2.79 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.05 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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