

Converting Colors - WCAG Matrix

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

	Hex(746C55)	Hex(FFFFFF)	Hex(A89F87)	Hex(C4BAA1)	Hex(E0D6BC)	Hex(FCF2D8)	Hex(FFFFF4)
Hex(746C55)		Ratio: 5.23 AA ¹ AAA 18pt ⁴	Ratio: 1.98 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 3.61 AA 18pt ²	Ratio: 4.69 AA ¹ AAA 18pt ⁴	Ratio: 5.19 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 5.23 AA ¹ AAA 18pt ⁴		Ratio: 2.63 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(A89F87)	Ratio: 1.98 Failed ⁵	Ratio: 2.63 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 2.62 Failed ⁵
Hex(C4BAA1)	Ratio: 2.71 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.92 Failed ⁵
Hex(E0D6BC)	Ratio: 3.61 AA 18pt ²	Ratio: 1.45 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.44 Failed ⁵
Hex(FCF2D8)	Ratio: 4.69 AA ¹ AAA 18pt ⁴	Ratio: 1.12 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.11 Failed ⁵
Hex(FFFFF4)	Ratio: 5.19 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.11 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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