

Converting Colors - WCAG Matrix

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

	Hex(754C00)	Hex(FFFFFF)	Hex(AD7D36)	Hex(CB974F)	Hex(E8B168)	Hex(FFCD82)	Hex(FFE99C)	Hex(FFFB8)	Hex(FFFD4)
Hex(754C00)		Ratio: 7.46 Passed ⁶	Ratio: 2.07 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 3.91 AA 18pt ²	Ratio: 5.13 AA ¹ AAA 18pt ⁴	Ratio: 6.23 AA ¹ AAA 18pt ⁴	Ratio: 7.26 Passed ⁶	Ratio: 7.35 Passed ⁶
Hex(FFFFFF)	Ratio: 7.46 Passed ⁶		Ratio: 3.61 AA 18pt ²	Ratio: 2.58 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(AD7D36)	Ratio: 2.07 Failed ⁵	Ratio: 3.61 AA 18pt ²		Ratio: 1.40 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 3.02 AA 18pt ²	Ratio: 3.51 AA 18pt ²	Ratio: 3.56 AA 18pt ²
Hex(CB974F)	Ratio: 2.90 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 2.54 Failed ⁵
Hex(E8B168)	Ratio: 3.91 AA 18pt ²	Ratio: 1.91 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.88 Failed ⁵
Hex(FFCD82)	Ratio: 5.13 AA ¹ AAA 18pt ⁴	Ratio: 1.46 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.43 Failed ⁵
Hex(FFE99C)	Ratio: 6.23 AA ¹ AAA 18pt ⁴	Ratio: 1.20 Failed ⁵	Ratio: 3.02 AA 18pt ²	Ratio: 2.15 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.18 Failed ⁵
Hex(FFFB8)	Ratio: 7.26 Passed ⁶	Ratio: 1.03 Failed ⁵	Ratio: 3.51 AA 18pt ²	Ratio: 2.51 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(FFFD4)	Ratio: 7.35 Passed ⁶	Ratio: 1.02 Failed ⁵	Ratio: 3.56 AA 18pt ²	Ratio: 2.54 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.01 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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