

Converting Colors - WCAG Matrix

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

	Hex(852800)	Hex(A34119)	Hex(C15B30)	Hex(E07448)	Hex(FF8F61)	Hex(FFAA7A)	Hex(FFC694)	Hex(FFE2AF)	Hex(FFFFCB)	Hex(FFFE7)
Hex(852800)		Ratio: 1.45 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 4.07 AA 18pt ²	Ratio: 4.90 AA ¹ AAA 18pt ⁴	Ratio: 5.98 AA ¹ AAA 18pt ⁴	Ratio: 7.28 Passed ⁶	Ratio: 8.87 Passed ⁶	Ratio: 9.00 Passed ⁶
Hex(A34119)	Ratio: 1.45 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 3.39 AA 18pt ²	Ratio: 4.13 AA 18pt ²	Ratio: 5.03 AA ¹ AAA 18pt ⁴	Ratio: 6.14 AA ¹ AAA 18pt ⁴	Ratio: 6.22 AA ¹ AAA 18pt ⁴
Hex(C15B30)	Ratio: 2.09 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 3.48 AA 18pt ²	Ratio: 4.25 AA 18pt ²	Ratio: 4.31 AA 18pt ²
Hex(E07448)	Ratio: 2.94 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 3.02 AA 18pt ²	Ratio: 3.06 AA 18pt ²
Hex(FF8F61)	Ratio: 4.07 AA 18pt ²	Ratio: 2.81 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 2.21 Failed ⁵
Hex(FFAA7A)	Ratio: 4.90 AA ¹ AAA 18pt ⁴	Ratio: 3.39 AA 18pt ²	Ratio: 2.35 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.84 Failed ⁵
Hex(FFC694)	Ratio: 5.98 AA ¹ AAA 18pt ⁴	Ratio: 4.13 AA 18pt ²	Ratio: 2.86 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.51 Failed ⁵
Hex(FFE2AF)	Ratio: 7.28 Passed ⁶	Ratio: 5.03 AA ¹ AAA 18pt ⁴	Ratio: 3.48 AA 18pt ²	Ratio: 2.48 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.24 Failed ⁵
Hex(FFFFCB)	Ratio: 8.87 Passed ⁶	Ratio: 6.14 AA ¹ AAA 18pt ⁴	Ratio: 4.25 AA 18pt ²	Ratio: 3.02 AA 18pt ²	Ratio: 2.18 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(FFFE7)	Ratio: 9.00 Passed ⁶	Ratio: 6.22 AA ¹ AAA 18pt ⁴	Ratio: 4.31 AA 18pt ²	Ratio: 3.06 AA 18pt ²	Ratio: 2.21 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.24 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.

This PDF was generated on convertingcolors.com.