

Converting Colors - WCAG Matrix

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

	Hex(752700)	Hex(FFFE6)	Hex(B05830)	Hex(CE7147)	Hex(EC8B60)	Hex(FFA679)	Hex(FFC293)	Hex(FFDEAE)	Hex(FFBC9)
Hex(752700)		Ratio: 10.11 Passed ⁶	Ratio: 2.09 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 4.12 AA 18pt ²	Ratio: 5.37 AA ¹ AAA 18pt ⁴	Ratio: 6.54 AA ¹ AAA 18pt ⁴	Ratio: 7.97 Passed ⁶	Ratio: 9.72 Passed ⁶
Hex(FFFE6)	Ratio: 10.11 Passed ⁶		Ratio: 4.83 AA ¹ AAA 18pt ⁴	Ratio: 3.41 AA 18pt ²	Ratio: 2.46 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.04 Failed ⁵
Hex(B05830)	Ratio: 2.09 Failed ⁵	Ratio: 4.83 AA ¹ AAA 18pt ⁴		Ratio: 1.42 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 3.13 AA 18pt ²	Ratio: 3.81 AA 18pt ²	Ratio: 4.64 AA ¹ AAA 18pt ⁴
Hex(CE7147)	Ratio: 2.97 Failed ⁵	Ratio: 3.41 AA 18pt ²	Ratio: 1.42 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 3.27 AA 18pt ²
Hex(EC8B60)	Ratio: 4.12 AA 18pt ²	Ratio: 2.46 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.36 Failed ⁵
Hex(FFA679)	Ratio: 5.37 AA ¹ AAA 18pt ⁴	Ratio: 1.88 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.81 Failed ⁵
Hex(FFC293)	Ratio: 6.54 AA ¹ AAA 18pt ⁴	Ratio: 1.55 Failed ⁵	Ratio: 3.13 AA 18pt ²	Ratio: 2.20 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.49 Failed ⁵
Hex(FFDEAE)	Ratio: 7.97 Passed ⁶	Ratio: 1.27 Failed ⁵	Ratio: 3.81 AA 18pt ²	Ratio: 2.68 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.22 Failed ⁵
Hex(FFBC9)	Ratio: 9.72 Passed ⁶	Ratio: 1.04 Failed ⁵	Ratio: 4.64 AA ¹ AAA 18pt ⁴	Ratio: 3.27 AA 18pt ²	Ratio: 2.36 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.22 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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