

Converting Colors - WCAG Matrix

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

	Hex(710101)	Hex(FFDCC1)	Hex(AC3F2F)	Hex(CA5946)	Hex(E9735E)	Hex(FF8E77)	Hex(FFA990)	Hex(FFC5AB)
Hex(710101)		Ratio: 9.53 Passed ⁶	Ratio: 2.05 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 4.15 AA 18pt ²	Ratio: 5.50 AA ¹ AAA 18pt ⁴	Ratio: 6.64 AA ¹ AAA 18pt ⁴	Ratio: 8.10 Passed ⁶
Hex(FFDCC1)	Ratio: 9.53 Passed ⁶		Ratio: 4.64 AA ¹ AAA 18pt ⁴	Ratio: 3.23 AA 18pt ²	Ratio: 2.30 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.18 Failed ⁵
Hex(AC3F2F)	Ratio: 2.05 Failed ⁵	Ratio: 4.64 AA ¹ AAA 18pt ⁴		Ratio: 1.43 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 3.23 AA 18pt ²	Ratio: 3.94 AA 18pt ²
Hex(CA5946)	Ratio: 2.95 Failed ⁵	Ratio: 3.23 AA 18pt ²	Ratio: 1.43 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 2.75 Failed ⁵
Hex(E9735E)	Ratio: 4.15 AA 18pt ²	Ratio: 2.30 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.95 Failed ⁵
Hex(FF8E77)	Ratio: 5.50 AA ¹ AAA 18pt ⁴	Ratio: 1.73 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.47 Failed ⁵
Hex(FFA990)	Ratio: 6.64 AA ¹ AAA 18pt ⁴	Ratio: 1.44 Failed ⁵	Ratio: 3.23 AA 18pt ²	Ratio: 2.25 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.22 Failed ⁵
Hex(FFC5AB)	Ratio: 8.10 Passed ⁶	Ratio: 1.18 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 2.75 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.47 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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