

Converting Colors - WCAG Matrix

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

	Hex(804131)	Hex(9C5948)	Hex(B8725F)	Hex(D58C78)	Hex(F3A792)	Hex(FFC2AD)	Hex(FFDEC8)	Hex(FFFBE4)	Hex(FFFFFF)
Hex(804131)		Ratio: 1.45 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 4.99 AA ¹ AAA 18pt ⁴	Ratio: 6.08 AA ¹ AAA 18pt ⁴	Ratio: 7.42 Passed ⁶	Ratio: 7.73 Passed ⁶
Hex(9C5948)	Ratio: 1.45 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 3.45 AA 18pt ²	Ratio: 4.20 AA 18pt ²	Ratio: 5.12 AA ¹ AAA 18pt ⁴	Ratio: 5.34 AA ¹ AAA 18pt ⁴
Hex(B8725F)	Ratio: 2.06 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 3.60 AA 18pt ²	Ratio: 3.74 AA 18pt ²
Hex(D58C78)	Ratio: 2.89 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 2.67 Failed ⁵
Hex(F3A792)	Ratio: 3.96 AA 18pt ²	Ratio: 2.73 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.95 Failed ⁵
Hex(FFC2AD)	Ratio: 4.99 AA ¹ AAA 18pt ⁴	Ratio: 3.45 AA 18pt ²	Ratio: 2.42 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.55 Failed ⁵
Hex(FFDEC8)	Ratio: 6.08 AA ¹ AAA 18pt ⁴	Ratio: 4.20 AA 18pt ²	Ratio: 2.95 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.27 Failed ⁵
Hex(FFFBE4)	Ratio: 7.42 Passed ⁶	Ratio: 5.12 AA ¹ AAA 18pt ⁴	Ratio: 3.60 AA 18pt ²	Ratio: 2.57 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.04 Failed ⁵
Hex(FFFFFF)	Ratio: 7.73 Passed ⁶	Ratio: 5.34 AA ¹ AAA 18pt ⁴	Ratio: 3.74 AA 18pt ²	Ratio: 2.67 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.04 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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