

Converting Colors - WCAG Matrix

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

	Hex(522714)	Hex(FFFFFF6)	Hex(87553F)	Hex(A26D57)	Hex(BE876F)	Hex(DBA189)	Hex(F8BCA3)	Hex(FFD8BE)	Hex(FFF5DA)
Hex(522714)		Ratio: 12.59 Passed ⁶	Ratio: 2.05 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 4.15 AA 18pt ²	Ratio: 5.71 AA ¹ AAA 18pt ⁴	Ratio: 7.66 Passed ⁶	Ratio: 9.53 Passed ⁶	Ratio: 11.65 Passed ⁶
Hex(FFFFFF6)	Ratio: 12.59 Passed ⁶		Ratio: 6.14 AA ¹ AAA 18pt ⁴	Ratio: 4.30 AA 18pt ²	Ratio: 3.03 AA 18pt ²	Ratio: 2.21 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.08 Failed ⁵
Hex(87553F)	Ratio: 2.05 Failed ⁵	Ratio: 6.14 AA ¹ AAA 18pt ⁴		Ratio: 1.43 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.78 Failed ⁵	Ratio: 3.74 AA 18pt ²	Ratio: 4.65 AA ¹ AAA 18pt ⁴	Ratio: 5.68 AA ¹ AAA 18pt ⁴
Hex(A26D57)	Ratio: 2.93 Failed ⁵	Ratio: 4.30 AA 18pt ²	Ratio: 1.43 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 3.25 AA 18pt ²	Ratio: 3.98 AA 18pt ²
Hex(BE876F)	Ratio: 4.15 AA 18pt ²	Ratio: 3.03 AA 18pt ²	Ratio: 2.02 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 2.81 Failed ⁵
Hex(DBA189)	Ratio: 5.71 AA ¹ AAA 18pt ⁴	Ratio: 2.21 Failed ⁵	Ratio: 2.78 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 2.04 Failed ⁵
Hex(F8BCA3)	Ratio: 7.66 Passed ⁶	Ratio: 1.64 Failed ⁵	Ratio: 3.74 AA 18pt ²	Ratio: 2.62 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.52 Failed ⁵
Hex(FFD8BE)	Ratio: 9.53 Passed ⁶	Ratio: 1.32 Failed ⁵	Ratio: 4.65 AA ¹ AAA 18pt ⁴	Ratio: 3.25 AA 18pt ²	Ratio: 2.30 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.22 Failed ⁵
Hex(FFF5DA)	Ratio: 11.65 Passed ⁶	Ratio: 1.08 Failed ⁵	Ratio: 5.68 AA ¹ AAA 18pt ⁴	Ratio: 3.98 AA 18pt ²	Ratio: 2.81 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.52 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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