

Converting Colors - WCAG Matrix

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

	Hex(5F1314)	Hex(FFE6D8)	Hex(97453E)	Hex(B45E55)	Hex(D1786E)	Hex(EF9287)	Hex(FFADA1)	Hex(FFC9BC)
Hex(5F1314)		Ratio: 11.05 Passed ⁶	Ratio: 2.04 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 4.17 AA 18pt ²	Ratio: 5.74 AA ¹ AAA 18pt ⁴	Ratio: 7.39 Passed ⁶	Ratio: 9.02 Passed ⁶
Hex(FFE6D8)	Ratio: 11.05 Passed ⁶		Ratio: 5.43 AA ¹ AAA 18pt ⁴	Ratio: 3.76 AA 18pt ²	Ratio: 2.65 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.23 Failed ⁵
Hex(97453E)	Ratio: 2.04 Failed ⁵	Ratio: 5.43 AA ¹ AAA 18pt ⁴		Ratio: 1.44 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 3.63 AA 18pt ²	Ratio: 4.43 AA 18pt ²
Hex(B45E55)	Ratio: 2.94 Failed ⁵	Ratio: 3.76 AA 18pt ²	Ratio: 1.44 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 3.07 AA 18pt ²
Hex(D1786E)	Ratio: 4.17 AA 18pt ²	Ratio: 2.65 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.16 Failed ⁵
Hex(EF9287)	Ratio: 5.74 AA ¹ AAA 18pt ⁴	Ratio: 1.92 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.57 Failed ⁵
Hex(FFADA1)	Ratio: 7.39 Passed ⁶	Ratio: 1.50 Failed ⁵	Ratio: 3.63 AA 18pt ²	Ratio: 2.51 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.22 Failed ⁵
Hex(FFC9BC)	Ratio: 9.02 Passed ⁶	Ratio: 1.23 Failed ⁵	Ratio: 4.43 AA 18pt ²	Ratio: 3.07 AA 18pt ²	Ratio: 2.16 Failed ⁵	Ratio: 1.57 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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