

Converting Colors - WCAG Matrix

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

	Hex(59352C)	Hex(FFFFFF)	Hex(8D645A)	Hex(A87D72)	Hex(C4978C)	Hex(E0B2A6)	Hex(FDCDC1)	Hex(FFEADD)	Hex(FFFFFFA)
Hex(59352C)		Ratio: 10.66 Passed ⁶	Ratio: 2.08 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 4.14 AA 18pt ²	Ratio: 5.63 AA ¹ AAA 18pt ⁴	Ratio: 7.45 Passed ⁶	Ratio: 9.17 Passed ⁶	Ratio: 10.63 Passed ⁶
Hex(FFFFFF)	Ratio: 10.66 Passed ⁶		Ratio: 5.12 AA ¹ AAA 18pt ⁴	Ratio: 3.60 AA 18pt ²	Ratio: 2.58 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.00 Failed ⁵
Hex(8D645A)	Ratio: 2.08 Failed ⁵	Ratio: 5.12 AA ¹ AAA 18pt ⁴		Ratio: 1.42 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 3.58 AA 18pt ²	Ratio: 4.40 AA 18pt ²	Ratio: 5.10 AA ¹ AAA 18pt ⁴
Hex(A87D72)	Ratio: 2.96 Failed ⁵	Ratio: 3.60 AA 18pt ²	Ratio: 1.42 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 3.09 AA 18pt ²	Ratio: 3.58 AA 18pt ²
Hex(C4978C)	Ratio: 4.14 AA 18pt ²	Ratio: 2.58 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 2.57 Failed ⁵
Hex(E0B2A6)	Ratio: 5.63 AA ¹ AAA 18pt ⁴	Ratio: 1.89 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.89 Failed ⁵
Hex(FDCDC1)	Ratio: 7.45 Passed ⁶	Ratio: 1.43 Failed ⁵	Ratio: 3.58 AA 18pt ²	Ratio: 2.51 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.43 Failed ⁵
Hex(FFEADD)	Ratio: 9.17 Passed ⁶	Ratio: 1.16 Failed ⁵	Ratio: 4.40 AA 18pt ²	Ratio: 3.09 AA 18pt ²	Ratio: 2.22 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.16 Failed ⁵
Hex(FFFFFFA)	Ratio: 10.63 Passed ⁶	Ratio: 1.00 Failed ⁵	Ratio: 5.10 AA ¹ AAA 18pt ⁴	Ratio: 3.58 AA 18pt ²	Ratio: 2.57 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.16 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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