

Converting Colors - WCAG Matrix

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

	Hex(56492F)	Hex(FFFFFF)	Hex(89795D)	Hex(A39376)	Hex(BFAE90)	Hex(DBC9AA)	Hex(F7E5C6)	Hex(FFFE2)	Hex(FFFFFE)
Hex(56492F)		Ratio: 8.79 Passed ⁶	Ratio: 2.07 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 4.05 AA 18pt ²	Ratio: 5.42 AA ¹ AAA 18pt ⁴	Ratio: 7.10 Passed ⁶	Ratio: 8.64 Passed ⁶	Ratio: 8.78 Passed ⁶
Hex(FFFFFF)	Ratio: 8.79 Passed ⁶		Ratio: 4.24 AA 18pt ²	Ratio: 3.00 AA 18pt ²	Ratio: 2.17 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.00 Failed ⁵
Hex(89795D)	Ratio: 2.07 Failed ⁵	Ratio: 4.24 AA 18pt ²		Ratio: 1.41 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 3.43 AA 18pt ²	Ratio: 4.17 AA 18pt ²	Ratio: 4.23 AA 18pt ²
Hex(A39376)	Ratio: 2.93 Failed ⁵	Ratio: 3.00 AA 18pt ²	Ratio: 1.41 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 3.00 AA 18pt ²
Hex(BFAE90)	Ratio: 4.05 AA 18pt ²	Ratio: 2.17 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 2.17 Failed ⁵
Hex(DBC9AA)	Ratio: 5.42 AA ¹ AAA 18pt ⁴	Ratio: 1.62 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.62 Failed ⁵
Hex(F7E5C6)	Ratio: 7.10 Passed ⁶	Ratio: 1.24 Failed ⁵	Ratio: 3.43 AA 18pt ²	Ratio: 2.43 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.24 Failed ⁵
Hex(FFFE2)	Ratio: 8.64 Passed ⁶	Ratio: 1.02 Failed ⁵	Ratio: 4.17 AA 18pt ²	Ratio: 2.95 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(FFFFFE)	Ratio: 8.78 Passed ⁶	Ratio: 1.00 Failed ⁵	Ratio: 4.23 AA 18pt ²	Ratio: 3.00 AA 18pt ²	Ratio: 2.17 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.02 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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