

Converting Colors - WCAG Matrix

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

	Hex(492A1E)	Hex(FFFFFF)	Hex(7C584A)	Hex(967062)	Hex(B18A7B)	Hex(CDA494)	Hex(EABFAF)	Hex(FFD8CA)	Hex(FFF8E7)
Hex(492A1E)		Ratio: 12.86 Passed ⁶	Ratio: 2.05 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 4.16 AA 18pt ²	Ratio: 5.71 AA ¹ AAA 18pt ⁴	Ratio: 7.70 Passed ⁶	Ratio: 9.94 Passed ⁶	Ratio: 12.14 Passed ⁶
Hex(FFFFFF)	Ratio: 12.86 Passed ⁶		Ratio: 6.27 AA ¹ AAA 18pt ⁴	Ratio: 4.38 AA 18pt ²	Ratio: 3.09 AA 18pt ²	Ratio: 2.25 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.06 Failed ⁵
Hex(7C584A)	Ratio: 2.05 Failed ⁵	Ratio: 6.27 AA ¹ AAA 18pt ⁴		Ratio: 1.43 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.78 Failed ⁵	Ratio: 3.75 AA 18pt ²	Ratio: 4.84 AA ¹ AAA 18pt ⁴	Ratio: 5.92 AA ¹ AAA 18pt ⁴
Hex(967062)	Ratio: 2.93 Failed ⁵	Ratio: 4.38 AA 18pt ²	Ratio: 1.43 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 3.39 AA 18pt ²	Ratio: 4.14 AA 18pt ²
Hex(B18A7B)	Ratio: 4.16 AA 18pt ²	Ratio: 3.09 AA 18pt ²	Ratio: 2.03 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 2.92 Failed ⁵
Hex(CDA494)	Ratio: 5.71 AA ¹ AAA 18pt ⁴	Ratio: 2.25 Failed ⁵	Ratio: 2.78 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 2.12 Failed ⁵
Hex(EABFAF)	Ratio: 7.70 Passed ⁶	Ratio: 1.67 Failed ⁵	Ratio: 3.75 AA 18pt ²	Ratio: 2.62 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.58 Failed ⁵
Hex(FFD8CA)	Ratio: 9.94 Passed ⁶	Ratio: 1.29 Failed ⁵	Ratio: 4.84 AA ¹ AAA 18pt ⁴	Ratio: 3.39 AA 18pt ²	Ratio: 2.39 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.22 Failed ⁵
Hex(FFF8E7)	Ratio: 12.14 Passed ⁶	Ratio: 1.06 Failed ⁵	Ratio: 5.92 AA ¹ AAA 18pt ⁴	Ratio: 4.14 AA 18pt ²	Ratio: 2.92 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 1.58 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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