

Converting Colors - WCAG Matrix

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

	Hex(6A4C44)	Hex(FFFFFF)	Hex(9E7D74)	Hex(BA978E)	Hex(D6B2A8)	Hex(F2CDC3)	Hex(FFE9DF)	Hex(FFFFFC)
Hex(6A4C44)		Ratio: 7.69 Passed ⁶	Ratio: 2.07 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 5.24 AA ¹ AAA 18pt ⁴	Ratio: 6.58 AA ¹ AAA 18pt ⁴	Ratio: 7.68 Passed ⁶
Hex(FFFFFF)	Ratio: 7.69 Passed ⁶		Ratio: 3.72 AA 18pt ²	Ratio: 2.66 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.00 Failed ⁵
Hex(9E7D74)	Ratio: 2.07 Failed ⁵	Ratio: 3.72 AA 18pt ²		Ratio: 1.40 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 3.19 AA 18pt ²	Ratio: 3.72 AA 18pt ²
Hex(BA978E)	Ratio: 2.90 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 2.65 Failed ⁵
Hex(D6B2A8)	Ratio: 3.95 AA 18pt ²	Ratio: 1.95 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.94 Failed ⁵
Hex(F2CDC3)	Ratio: 5.24 AA ¹ AAA 18pt ⁴	Ratio: 1.47 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.47 Failed ⁵
Hex(FFE9DF)	Ratio: 6.58 AA ¹ AAA 18pt ⁴	Ratio: 1.17 Failed ⁵	Ratio: 3.19 AA 18pt ²	Ratio: 2.27 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.17 Failed ⁵
Hex(FFFFFC)	Ratio: 7.68 Passed ⁶	Ratio: 1.00 Failed ⁵	Ratio: 3.72 AA 18pt ²	Ratio: 2.65 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.17 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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