

Converting Colors - WCAG Matrix

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

	Hex(5B5C32)	Hex(FFFFFF)	Hex(8E8E61)	Hex(A9A87A)	Hex(C4C394)	Hex(E0DFAF)	Hex(FDFCCA)	Hex(FFFFE6)
Hex(5B5C32)		Ratio: 6.95 AA ¹ AAA 18pt ⁴	Ratio: 2.05 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 3.83 AA 18pt ²	Ratio: 5.08 AA ¹ AAA 18pt ⁴	Ratio: 6.60 AA ¹ AAA 18pt ⁴	Ratio: 6.85 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 6.95 AA ¹ AAA 18pt ⁴		Ratio: 3.39 AA 18pt ²	Ratio: 2.45 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(8E8E61)	Ratio: 2.05 Failed ⁵	Ratio: 3.39 AA 18pt ²		Ratio: 1.38 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 3.22 AA 18pt ²	Ratio: 3.34 AA 18pt ²
Hex(A9A87A)	Ratio: 2.84 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 2.42 Failed ⁵
Hex(C4C394)	Ratio: 3.83 AA 18pt ²	Ratio: 1.81 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.79 Failed ⁵
Hex(E0DFAF)	Ratio: 5.08 AA ¹ AAA 18pt ⁴	Ratio: 1.37 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.35 Failed ⁵
Hex(FDFCCA)	Ratio: 6.60 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵	Ratio: 3.22 AA 18pt ²	Ratio: 2.33 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.04 Failed ⁵
Hex(FFFFE6)	Ratio: 6.85 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵	Ratio: 3.34 AA 18pt ²	Ratio: 2.42 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.04 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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