

Converting Colors - WCAG Matrix

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

	Hex(5E6241)	Hex(777B59)	Hex(919571)	Hex(ACB08B)	Hex(C7CBA5)	Hex(E4E7C1)	Hex(FFFFDD)	Hex(FFFFF9)	Hex(FFFFFF)
Hex(5E6241)		Ratio: 1.44 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 3.79 AA 18pt ²	Ratio: 5.00 AA ¹ AAA 18pt ⁴	Ratio: 6.24 AA ¹ AAA 18pt ⁴	Ratio: 6.34 AA ¹ AAA 18pt ⁴	Ratio: 6.36 AA ¹ AAA 18pt ⁴
Hex(777B59)	Ratio: 1.44 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 3.46 AA 18pt ²	Ratio: 4.33 AA 18pt ²	Ratio: 4.39 AA 18pt ²	Ratio: 4.41 AA 18pt ²
Hex(919571)	Ratio: 2.04 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 3.10 AA 18pt ²	Ratio: 3.12 AA 18pt ²
Hex(ACB08B)	Ratio: 2.83 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 2.25 Failed ⁵
Hex(C7CBA5)	Ratio: 3.79 AA 18pt ²	Ratio: 2.63 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.68 Failed ⁵
Hex(E4E7C1)	Ratio: 5.00 AA ¹ AAA 18pt ⁴	Ratio: 3.46 AA 18pt ²	Ratio: 2.45 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.27 Failed ⁵
Hex(FFFFDD)	Ratio: 6.24 AA ¹ AAA 18pt ⁴	Ratio: 4.33 AA 18pt ²	Ratio: 3.06 AA 18pt ²	Ratio: 2.21 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(FFFFF9)	Ratio: 6.34 AA ¹ AAA 18pt ⁴	Ratio: 4.39 AA 18pt ²	Ratio: 3.10 AA 18pt ²	Ratio: 2.24 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.00 Failed ⁵
Hex(FFFFFF)	Ratio: 6.36 AA ¹ AAA 18pt ⁴	Ratio: 4.41 AA 18pt ²	Ratio: 3.12 AA 18pt ²	Ratio: 2.25 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.00 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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