

Converting Colors - WCAG Matrix

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

	Hex(5C4945)	Hex(FFFFFF)	Hex(8F7A75)	Hex(A9938F)	Hex(C5AE9)	Hex(E1C9C4)	Hex(FDE5E0)	Hex(FFFFFFD)
Hex(5C4945)		Ratio: 8.42 Passed ⁶	Ratio: 2.09 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 4.01 AA 18pt ²	Ratio: 5.35 AA ¹ AAA 18pt ⁴	Ratio: 7.00 Passed ⁶	Ratio: 8.41 Passed ⁶
Hex(FFFFFF)	Ratio: 8.42 Passed ⁶		Ratio: 4.03 AA 18pt ²	Ratio: 2.89 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.00 Failed ⁵
Hex(8F7A75)	Ratio: 2.09 Failed ⁵	Ratio: 4.03 AA 18pt ²		Ratio: 1.39 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 3.35 AA 18pt ²	Ratio: 4.03 AA 18pt ²
Hex(A9938F)	Ratio: 2.91 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 2.89 Failed ⁵
Hex(C5AE9)	Ratio: 4.01 AA 18pt ²	Ratio: 2.10 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 2.10 Failed ⁵
Hex(E1C9C4)	Ratio: 5.35 AA ¹ AAA 18pt ⁴	Ratio: 1.57 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.57 Failed ⁵
Hex(FDE5E0)	Ratio: 7.00 Passed ⁶	Ratio: 1.20 Failed ⁵	Ratio: 3.35 AA 18pt ²	Ratio: 2.41 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.20 Failed ⁵
Hex(FFFFFFD)	Ratio: 8.41 Passed ⁶	Ratio: 1.00 Failed ⁵	Ratio: 4.03 AA 18pt ²	Ratio: 2.89 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.20 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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