

Converting Colors - WCAG Matrix

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

	Hex(2E2714)	Hex(FFFFFF5)	Hex(5D543F)	Hex(766C56)	Hex(8F856E)	Hex(AA9F88)	Hex(C5BAA2)	Hex(E2D6BD)	Hex(FEF2D9)
Hex(2E2714)		Ratio: 14.74 Passed ⁶	Ratio: 1.98 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 4.06 AA 18pt ²	Ratio: 5.67 AA ¹ AAA 18pt ⁴	Ratio: 7.71 Passed ⁶	Ratio: 10.30 Passed ⁶	Ratio: 13.36 Passed ⁶
Hex(FFFFFF5)	Ratio: 14.74 Passed ⁶		Ratio: 7.44 Passed ⁶	Ratio: 5.15 AA ¹ AAA 18pt ⁴	Ratio: 3.63 AA 18pt ²	Ratio: 2.60 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.10 Failed ⁵
Hex(5D543F)	Ratio: 1.98 Failed ⁵	Ratio: 7.44 Passed ⁶		Ratio: 1.44 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 3.89 AA 18pt ²	Ratio: 5.20 AA ¹ AAA 18pt ⁴	Ratio: 6.74 AA ¹ AAA 18pt ⁴
Hex(766C56)	Ratio: 2.86 Failed ⁵	Ratio: 5.15 AA ¹ AAA 18pt ⁴	Ratio: 1.44 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 3.60 AA 18pt ²	Ratio: 4.67 AA ¹ AAA 18pt ⁴
Hex(8F856E)	Ratio: 4.06 AA 18pt ²	Ratio: 3.63 AA 18pt ²	Ratio: 2.05 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 3.29 AA 18pt ²
Hex(AA9F88)	Ratio: 5.67 AA ¹ AAA 18pt ⁴	Ratio: 2.60 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.36 Failed ⁵
Hex(C5BAA2)	Ratio: 7.71 Passed ⁶	Ratio: 1.91 Failed ⁵	Ratio: 3.89 AA 18pt ²	Ratio: 2.70 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.73 Failed ⁵
Hex(E2D6BD)	Ratio: 10.30 Passed ⁶	Ratio: 1.43 Failed ⁵	Ratio: 5.20 AA ¹ AAA 18pt ⁴	Ratio: 3.60 AA 18pt ²	Ratio: 2.54 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.30 Failed ⁵
Hex(FEF2D9)	Ratio: 13.36 Passed ⁶	Ratio: 1.10 Failed ⁵	Ratio: 6.74 AA ¹ AAA 18pt ⁴	Ratio: 4.67 AA ¹ AAA 18pt ⁴	Ratio: 3.29 AA 18pt ²	Ratio: 2.36 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.30 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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