

Converting Colors - WCAG Matrix

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

Hex(AF9F74) Hex(E3CA88) Hex(A2AF74) Hex(57544E) Hex(966E00) Hex(171100)

	Hex(AF9F74)	Hex(E3CA88)	Hex(A2AF74)	Hex(57544E)	Hex(966E00)	Hex(171100)
Hex(AF9F74)		Ratio: 1.63 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 7.20 Passed ⁶
Hex(E3CA88)	Ratio: 1.63 Failed ⁵		Ratio: 1.47 Failed ⁵	Ratio: 4.70 AA ¹ AAA 18pt ⁴	Ratio: 2.89 Failed ⁵	Ratio: 11.71 Passed ⁶
Hex(A2AF74)	Ratio: 1.11 Failed ⁵	Ratio: 1.47 Failed ⁵		Ratio: 3.20 AA 18pt ²	Ratio: 1.97 Failed ⁵	Ratio: 7.99 Passed ⁶
Hex(57544E)	Ratio: 2.89 Failed ⁵	Ratio: 4.70 AA ¹ AAA 18pt ⁴	Ratio: 3.20 AA 18pt ²		Ratio: 1.63 Failed ⁵	Ratio: 2.49 Failed ⁵
Hex(966E00)	Ratio: 1.77 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.63 Failed ⁵		Ratio: 4.05 AA 18pt ²
Hex(171100)	Ratio: 7.20 Passed ⁶	Ratio: 11.71 Passed ⁶	Ratio: 7.99 Passed ⁶	Ratio: 2.49 Failed ⁵	Ratio: 4.05 AA 18pt ²	

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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