

Converting Colors - WCAG Matrix

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

Hex(AFA19E) Hex(E3CDC8) Hex(AFA99E) Hex(57504E) Hex(961B00) Hex(170400)

	Hex(AFA19E)	Hex(E3CDC8)	Hex(AFA99E)	Hex(57504E)	Hex(961B00)	Hex(170400)
Hex(AFA19E)		Ratio: 1.64 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 3.16 AA 18pt ²	Ratio: 3.43 AA 18pt ²	Ratio: 7.98 Passed ⁶
Hex(E3CDC8)	Ratio: 1.64 Failed ⁵		Ratio: 1.54 Failed ⁵	Ratio: 5.19 AA ¹ AAA 18pt ⁴	Ratio: 5.64 AA ¹ AAA 18pt ⁴	Ratio: 13.13 Passed ⁶
Hex(AFA99E)	Ratio: 1.07 Failed ⁵	Ratio: 1.54 Failed ⁵		Ratio: 3.38 AA 18pt ²	Ratio: 3.66 AA 18pt ²	Ratio: 8.53 Passed ⁶
Hex(57504E)	Ratio: 3.16 AA 18pt ²	Ratio: 5.19 AA ¹ AAA 18pt ⁴	Ratio: 3.38 AA 18pt ²		Ratio: 1.09 Failed ⁵	Ratio: 2.53 Failed ⁵
Hex(961B00)	Ratio: 3.43 AA 18pt ²	Ratio: 5.64 AA ¹ AAA 18pt ⁴	Ratio: 3.66 AA 18pt ²	Ratio: 1.09 Failed ⁵		Ratio: 2.33 Failed ⁵
Hex(170400)	Ratio: 7.98 Passed ⁶	Ratio: 13.13 Passed ⁶	Ratio: 8.53 Passed ⁶	Ratio: 2.53 Failed ⁵	Ratio: 2.33 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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