

Converting Colors - WCAG Matrix

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

Hex(B08976) Hex(E5A98C) Hex(B0A576) Hex(57514E) Hex(963100) Hex(170700)

	Hex(B08976)	Hex(E5A98C)	Hex(B0A576)	Hex(57514E)	Hex(963100)	Hex(170700)
Hex(B08976)		Ratio: 1.55 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 6.27 AA ¹ AAA 18pt ⁴
Hex(E5A98C)	Ratio: 1.55 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 3.86 AA 18pt ²	Ratio: 3.80 AA 18pt ²	Ratio: 9.74 Passed ⁶
Hex(B0A576)	Ratio: 1.27 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 3.15 AA 18pt ²	Ratio: 3.10 AA 18pt ²	Ratio: 7.96 Passed ⁶
Hex(57514E)	Ratio: 2.48 Failed ⁵	Ratio: 3.86 AA 18pt ²	Ratio: 3.15 AA 18pt ²		Ratio: 1.02 Failed ⁵	Ratio: 2.52 Failed ⁵
Hex(963100)	Ratio: 2.44 Failed ⁵	Ratio: 3.80 AA 18pt ²	Ratio: 3.10 AA 18pt ²	Ratio: 1.02 Failed ⁵		Ratio: 2.56 Failed ⁵
Hex(170700)	Ratio: 6.27 AA ¹ AAA 18pt ⁴	Ratio: 9.74 Passed ⁶	Ratio: 7.96 Passed ⁶	Ratio: 2.52 Failed ⁵	Ratio: 2.56 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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