

Converting Colors - WCAG Matrix

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

Hex(B58773) Hex(EBA283) Hex(B5A773) Hex(595350) Hex(992D00) Hex(190800)

	Hex(B58773)	Hex(EBA283)	Hex(B5A773)	Hex(595350)	Hex(992D00)	Hex(190800)
Hex(B58773)		Ratio: 1.50 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 6.21 AA ¹ AAA 18pt ⁴
Hex(EBA283)	Ratio: 1.50 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 3.61 AA 18pt ²	Ratio: 3.67 AA 18pt ²	Ratio: 9.32 Passed ⁶
Hex(B5A773)	Ratio: 1.31 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 3.15 AA 18pt ²	Ratio: 3.20 AA 18pt ²	Ratio: 8.12 Passed ⁶
Hex(595350)	Ratio: 2.40 Failed ⁵	Ratio: 3.61 AA 18pt ²	Ratio: 3.15 AA 18pt ²		Ratio: 1.02 Failed ⁵	Ratio: 2.58 Failed ⁵
Hex(992D00)	Ratio: 2.45 Failed ⁵	Ratio: 3.67 AA 18pt ²	Ratio: 3.20 AA 18pt ²	Ratio: 1.02 Failed ⁵		Ratio: 2.54 Failed ⁵
Hex(190800)	Ratio: 6.21 AA ¹ AAA 18pt ⁴	Ratio: 9.32 Passed ⁶	Ratio: 8.12 Passed ⁶	Ratio: 2.58 Failed ⁵	Ratio: 2.54 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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