

Converting Colors - WCAG Matrix

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

Hex(B58684) Hex(EBA3A0) Hex(B59E84) Hex(595150) Hex(990600) Hex(1A0100)

	Hex(B58684)	Hex(EBA3A0)	Hex(B59E84)	Hex(595150)	Hex(990600)	Hex(1A0100)
Hex(B58684)		Ratio: 1.53 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 6.40 AA ¹ AAA 18pt ⁴
Hex(EBA3A0)	Ratio: 1.53 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 3.78 AA 18pt ²	Ratio: 4.32 AA 18pt ²	Ratio: 9.81 Passed ⁶
Hex(B59E84)	Ratio: 1.22 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 3.01 AA 18pt ²	Ratio: 3.44 AA 18pt ²	Ratio: 7.81 Passed ⁶
Hex(595150)	Ratio: 2.47 Failed ⁵	Ratio: 3.78 AA 18pt ²	Ratio: 3.01 AA 18pt ²		Ratio: 1.14 Failed ⁵	Ratio: 2.59 Failed ⁵
Hex(990600)	Ratio: 2.82 Failed ⁵	Ratio: 4.32 AA 18pt ²	Ratio: 3.44 AA 18pt ²	Ratio: 1.14 Failed ⁵		Ratio: 2.27 Failed ⁵
Hex(1A0100)	Ratio: 6.40 AA ¹ AAA 18pt ⁴	Ratio: 9.81 Passed ⁶	Ratio: 7.81 Passed ⁶	Ratio: 2.59 Failed ⁵	Ratio: 2.27 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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