

Converting Colors - WCAG Matrix

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

Hex(B58482) Hex(EB9F9B) Hex(B59D82) Hex(5C5353) Hex(9C0800) Hex(1C0100)

	Hex(B58482)	Hex(EB9F9B)	Hex(B59D82)	Hex(5C5353)	Hex(9C0800)	Hex(1C0100)
Hex(B58482)		Ratio: 1.51 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 6.25 AA ¹ AAA 18pt ⁴
Hex(EB9F9B)	Ratio: 1.51 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 3.54 AA 18pt ²	Ratio: 4.07 AA 18pt ²	Ratio: 9.46 Passed ⁶
Hex(B59D82)	Ratio: 1.23 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 2.88 Failed ⁵	Ratio: 3.31 AA 18pt ²	Ratio: 7.70 Passed ⁶
Hex(5C5353)	Ratio: 2.34 Failed ⁵	Ratio: 3.54 AA 18pt ²	Ratio: 2.88 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 2.67 Failed ⁵
Hex(9C0800)	Ratio: 2.69 Failed ⁵	Ratio: 4.07 AA 18pt ²	Ratio: 3.31 AA 18pt ²	Ratio: 1.15 Failed ⁵		Ratio: 2.32 Failed ⁵
Hex(1C0100)	Ratio: 6.25 AA ¹ AAA 18pt ⁴	Ratio: 9.46 Passed ⁶	Ratio: 7.70 Passed ⁶	Ratio: 2.67 Failed ⁵	Ratio: 2.32 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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