

Converting Colors - WCAG Matrix

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

Hex(988E92) Hex(C4B5BB) Hex(8E9798) Hex(4D4548) Hex(8C0038) Hex(0D0005)

Hex(988E92)		Ratio: 1.61 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 3.05 AA 18pt ²
Hex(C4B5BB)	Ratio: 1.61 Failed ⁵		Ratio: 1.52 Failed ⁵	Ratio: 4.72 AA ¹ AAA 18pt ⁴	Ratio: 4.91 AA ¹ AAA 18pt ⁴
Hex(8E9798)	Ratio: 1.06 Failed ⁵	Ratio: 1.52 Failed ⁵		Ratio: 3.11 AA 18pt ²	Ratio: 3.24 AA 18pt ²
Hex(4D4548)	Ratio: 2.93 Failed ⁵	Ratio: 4.72 AA ¹ AAA 18pt ⁴	Ratio: 3.11 AA 18pt ²		Ratio: 1.04 Failed ⁵
Hex(8C0038)	Ratio: 3.05 AA 18pt ²	Ratio: 4.91 AA ¹ AAA 18pt ⁴	Ratio: 3.24 AA 18pt ²	Ratio: 1.04 Failed ⁵	
Hex(0D0005)	Ratio: 6.49 AA ¹ AAA 18pt ⁴	Ratio: 10.47 Passed ⁶	Ratio: 6.90 AA ¹ AAA 18pt ⁴	Ratio: 2.22 Failed ⁵	Ratio: 2.13 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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