

Converting Colors - WCAG Matrix

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

	Hex(9B5876)	Hex(C96190)	Hex(989B58)	Hex(4D4548)	Hex(8C003F)	Hex(0D0006)
Hex(9B5876)		Ratio: 1.38 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 3.97 AA 18pt ²
Hex(C96190)	Ratio: 1.38 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 5.49 AA ¹ AAA 18pt ⁴
Hex(989B58)	Ratio: 1.77 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 3.17 AA 18pt ²	Ratio: 3.28 AA 18pt ²	Ratio: 7.03 Passed ⁶
Hex(4D4548)	Ratio: 1.79 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 3.17 AA 18pt ²		Ratio: 1.03 Failed ⁵	Ratio: 2.22 Failed ⁵
Hex(8C003F)	Ratio: 1.85 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 3.28 AA 18pt ²	Ratio: 1.03 Failed ⁵		Ratio: 2.14 Failed ⁵
Hex(0D0006)	Ratio: 3.97 AA 18pt ²	Ratio: 5.49 AA ¹ AAA 18pt ⁴	Ratio: 7.03 Passed ⁶	Ratio: 2.22 Failed ⁵	Ratio: 2.14 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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