

Converting Colors - WCAG Matrix

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

Hex(9E6C95) Hex(CF80C0) Hex(7C9E6C) Hex(4F474E) Hex(8F0074) Hex(0F000C)

	Hex(9E6C95)	Hex(CF80C0)	Hex(7C9E6C)	Hex(4F474E)	Hex(8F0074)	Hex(0F000C)
Hex(9E6C95)		Ratio: 1.49 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 4.91 AA ¹ AAA 18pt ⁴
Hex(CF80C0)	Ratio: 1.49 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 3.20 AA 18pt ²	Ratio: 3.10 AA 18pt ²	Ratio: 7.31 Passed ⁶
Hex(7C9E6C)	Ratio: 1.38 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 2.97 Failed ⁵	Ratio: 2.88 Failed ⁵	Ratio: 6.79 AA ¹ AAA 18pt ⁴
Hex(4F474E)	Ratio: 2.15 Failed ⁵	Ratio: 3.20 AA 18pt ²	Ratio: 2.97 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 2.29 Failed ⁵
Hex(8F0074)	Ratio: 2.08 Failed ⁵	Ratio: 3.10 AA 18pt ²	Ratio: 2.88 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 2.36 Failed ⁵
Hex(0F000C)	Ratio: 4.91 AA ¹ AAA 18pt ⁴	Ratio: 7.31 Passed ⁶	Ratio: 6.79 AA ¹ AAA 18pt ⁴	Ratio: 2.29 Failed ⁵	Ratio: 2.36 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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