

Converting Colors - WCAG Matrix

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

Hex(9E2E8A) Hex(CF1FAF) Hex(9E792E) Hex(4F474E) Hex(8F0075) Hex(0F000D)

	Hex(9E2E8A)	Hex(CF1FAF)	Hex(9E792E)	Hex(4F474E)	Hex(8F0075)	Hex(0F000D)
Hex(9E2E8A)		Ratio: 1.39 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 3.13 AA 18pt ²
Hex(CF1FAF)	Ratio: 1.39 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 4.35 AA 18pt ²
Hex(9E792E)	Ratio: 1.63 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 2.23 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 5.09 AA ¹ AAA 18pt ⁴
Hex(4F474E)	Ratio: 1.37 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.23 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 2.28 Failed ⁵
Hex(8F0075)	Ratio: 1.32 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 2.36 Failed ⁵
Hex(0F000D)	Ratio: 3.13 AA 18pt ²	Ratio: 4.35 AA 18pt ²	Ratio: 5.09 AA ¹ AAA 18pt ⁴	Ratio: 2.28 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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