

Converting Colors - WCAG Matrix

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

Hex(9F909A) Hex(CFB8C7) Hex(9F9093) Hex(4F474C) Hex(8F005F) Hex(0F000A)

	Hex(9F909A)	Hex(CFB8C7)	Hex(9F9093)	Hex(4F474C)	Hex(8F005F)	Hex(0F000A)
Hex(9F909A)		Ratio: 1.64 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 6.76 AA ¹ AAA 18pt ⁴
Hex(CFB8C7)	Ratio: 1.64 Failed ⁵		Ratio: 1.65 Failed ⁵	Ratio: 4.85 AA ¹ AAA 18pt ⁴	Ratio: 4.86 AA ¹ AAA 18pt ⁴	Ratio: 11.06 Passed ⁶
Hex(9F9093)	Ratio: 1.01 Failed ⁵	Ratio: 1.65 Failed ⁵		Ratio: 2.94 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 6.72 AA ¹ AAA 18pt ⁴
Hex(4F474C)	Ratio: 2.96 Failed ⁵	Ratio: 4.85 AA ¹ AAA 18pt ⁴	Ratio: 2.94 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 2.28 Failed ⁵
Hex(8F005F)	Ratio: 2.97 Failed ⁵	Ratio: 4.86 AA ¹ AAA 18pt ⁴	Ratio: 2.95 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 2.28 Failed ⁵
Hex(0F000A)	Ratio: 6.76 AA ¹ AAA 18pt ⁴	Ratio: 11.06 Passed ⁶	Ratio: 6.72 AA ¹ AAA 18pt ⁴	Ratio: 2.28 Failed ⁵	Ratio: 2.28 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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