

Converting Colors - WCAG Matrix

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

Hex(9C8E9A) Hex(C9B3C7) Hex(8E9C96) Hex(4F474E) Hex(8F007F) Hex(0F000E)

	Hex(9C8E9A)	Hex(C9B3C7)	Hex(8E9C96)	Hex(4F474E)	Hex(8F007F)	Hex(0F000E)
Hex(9C8E9A)		Ratio: 1.59 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 2.88 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 6.57 AA ¹ AAA 18pt ⁴
Hex(C9B3C7)	Ratio: 1.59 Failed ⁵		Ratio: 1.46 Failed ⁵	Ratio: 4.59 AA ¹ AAA 18pt ⁴	Ratio: 4.35 AA 18pt ²	Ratio: 10.48 Passed ⁶
Hex(8E9C96)	Ratio: 1.09 Failed ⁵	Ratio: 1.46 Failed ⁵		Ratio: 3.13 AA 18pt ²	Ratio: 2.97 Failed ⁵	Ratio: 7.16 Passed ⁶
Hex(4F474E)	Ratio: 2.88 Failed ⁵	Ratio: 4.59 AA ¹ AAA 18pt ⁴	Ratio: 3.13 AA 18pt ²		Ratio: 1.06 Failed ⁵	Ratio: 2.28 Failed ⁵
Hex(8F007F)	Ratio: 2.73 Failed ⁵	Ratio: 4.35 AA 18pt ²	Ratio: 2.97 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 2.41 Failed ⁵
Hex(0F000E)	Ratio: 6.57 AA ¹ AAA 18pt ⁴	Ratio: 10.48 Passed ⁶	Ratio: 7.16 Passed ⁶	Ratio: 2.28 Failed ⁵	Ratio: 2.41 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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