

Converting Colors - WCAG Matrix

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

Hex(9C8E97) Hex(C9B3C3) Hex(8E9C99) Hex(4F474D) Hex(8F0064) Hex(0F000B)

	Hex(9C8E97)	Hex(C9B3C3)	Hex(8E9C99)	Hex(4F474D)	Hex(8F0064)	Hex(0F000B)
Hex(9C8E97)		Ratio: 1.59 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 6.56 AA ¹ AAA 18pt ⁴
Hex(C9B3C3)	Ratio: 1.59 Failed ⁵		Ratio: 1.46 Failed ⁵	Ratio: 4.58 AA ¹ AAA 18pt ⁴	Ratio: 4.56 AA ¹ AAA 18pt ⁴	Ratio: 10.46 Passed ⁶
Hex(8E9C99)	Ratio: 1.09 Failed ⁵	Ratio: 1.46 Failed ⁵		Ratio: 3.15 AA 18pt ²	Ratio: 3.13 AA 18pt ²	Ratio: 7.18 Passed ⁶
Hex(4F474D)	Ratio: 2.87 Failed ⁵	Ratio: 4.58 AA ¹ AAA 18pt ⁴	Ratio: 3.15 AA 18pt ²		Ratio: 1.00 Failed ⁵	Ratio: 2.28 Failed ⁵
Hex(8F0064)	Ratio: 2.86 Failed ⁵	Ratio: 4.56 AA ¹ AAA 18pt ⁴	Ratio: 3.13 AA 18pt ²	Ratio: 1.00 Failed ⁵		Ratio: 2.29 Failed ⁵
Hex(0F000B)	Ratio: 6.56 AA ¹ AAA 18pt ⁴	Ratio: 10.46 Passed ⁶	Ratio: 7.18 Passed ⁶	Ratio: 2.28 Failed ⁵	Ratio: 2.29 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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