

Converting Colors - WCAG Matrix

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

Hex(9C8285) Hex(CCA3A8) Hex(9C8C82) Hex(4F4748) Hex(8F0010) Hex(0F0002)

	Hex(9C8285)	Hex(CCA3A8)	Hex(9C8C82)	Hex(4F4748)	Hex(8F0010)	Hex(0F0002)
Hex(9C8285)		Ratio: 1.58 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 5.82 AA ¹ AAA 18pt ⁴
Hex(CCA3A8)	Ratio: 1.58 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 4.03 AA 18pt ²	Ratio: 4.31 AA 18pt ²	Ratio: 9.18 Passed ⁶
Hex(9C8C82)	Ratio: 1.09 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 2.79 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 6.35 AA ¹ AAA 18pt ⁴
Hex(4F4748)	Ratio: 2.55 Failed ⁵	Ratio: 4.03 AA 18pt ²	Ratio: 2.79 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 2.28 Failed ⁵
Hex(8F0010)	Ratio: 2.73 Failed ⁵	Ratio: 4.31 AA 18pt ²	Ratio: 2.98 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 2.13 Failed ⁵
Hex(0F0002)	Ratio: 5.82 AA ¹ AAA 18pt ⁴	Ratio: 9.18 Passed ⁶	Ratio: 6.35 AA ¹ AAA 18pt ⁴	Ratio: 2.28 Failed ⁵	Ratio: 2.13 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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