

Converting Colors - WCAG Matrix

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

Hex(9E8F8F) Hex(CFB8B8) Hex(9E978F) Hex(4F4747) Hex(8F0000) Hex(0F0000)

	Hex(9E8F8F)	Hex(CFB8B8)	Hex(9E978F)	Hex(4F4747)	Hex(8F0000)	Hex(0F0000)
Hex(9E8F8F)		Ratio: 1.65 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 2.92 Failed ⁵	Ratio: 3.13 AA 18pt ²	Ratio: 6.64 AA ¹ AAA 18pt ⁴
Hex(CFB8B8)	Ratio: 1.65 Failed ⁵		Ratio: 1.54 Failed ⁵	Ratio: 4.82 AA ¹ AAA 18pt ⁴	Ratio: 5.17 AA ¹ AAA 18pt ⁴	Ratio: 10.98 Passed ⁶
Hex(9E978F)	Ratio: 1.07 Failed ⁵	Ratio: 1.54 Failed ⁵		Ratio: 3.13 AA 18pt ²	Ratio: 3.36 AA 18pt ²	Ratio: 7.13 Passed ⁶
Hex(4F4747)	Ratio: 2.92 Failed ⁵	Ratio: 4.82 AA ¹ AAA 18pt ⁴	Ratio: 3.13 AA 18pt ²		Ratio: 1.07 Failed ⁵	Ratio: 2.28 Failed ⁵
Hex(8F0000)	Ratio: 3.13 AA 18pt ²	Ratio: 5.17 AA ¹ AAA 18pt ⁴	Ratio: 3.36 AA 18pt ²	Ratio: 1.07 Failed ⁵		Ratio: 2.12 Failed ⁵
Hex(0F0000)	Ratio: 6.64 AA ¹ AAA 18pt ⁴	Ratio: 10.98 Passed ⁶	Ratio: 7.13 Passed ⁶	Ratio: 2.28 Failed ⁵	Ratio: 2.12 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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