

Converting Colors - WCAG Matrix

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

Hex(9C9A8B) Hex(CCC8B1) Hex(969C8B) Hex(4F4E47) Hex(8F7A00) Hex(0F0D00)

	Hex(9C9A8B)	Hex(CCC8B1)	Hex(969C8B)	Hex(4F4E47)	Hex(8F7A00)	Hex(0F0D00)
Hex(9C9A8B)		Ratio: 1.68 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 6.87 AA ¹ AAA 18pt ⁴
Hex(CCC8B1)	Ratio: 1.68 Failed ⁵		Ratio: 1.68 Failed ⁵	Ratio: 4.96 AA ¹ AAA 18pt ⁴	Ratio: 2.52 Failed ⁵	Ratio: 11.56 Passed ⁶
Hex(969C8B)	Ratio: 1.00 Failed ⁵	Ratio: 1.68 Failed ⁵		Ratio: 2.95 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 6.89 AA ¹ AAA 18pt ⁴
Hex(4F4E47)	Ratio: 2.95 Failed ⁵	Ratio: 4.96 AA ¹ AAA 18pt ⁴	Ratio: 2.95 Failed ⁵		Ratio: 1.97 Failed ⁵	Ratio: 2.33 Failed ⁵
Hex(8F7A00)	Ratio: 1.50 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.97 Failed ⁵		Ratio: 4.59 AA ¹ AAA 18pt ⁴
Hex(0F0D00)	Ratio: 6.87 AA ¹ AAA 18pt ⁴	Ratio: 11.56 Passed ⁶	Ratio: 6.89 AA ¹ AAA 18pt ⁴	Ratio: 2.33 Failed ⁵	Ratio: 4.59 AA ¹ AAA 18pt ⁴	

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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