

Converting Colors - WCAG Matrix

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

Hex(9A9A91) Hex(C9C9BB) Hex(969A91) Hex(4D4C46) Hex(8C8900) Hex(0D0C00)

	Hex(9A9A91)	Hex(C9C9BB)	Hex(969A91)	Hex(4D4C46)	Hex(8C8900)	Hex(0D0C00)
Hex(9A9A91)		Ratio: 1.70 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.04 AA 18pt ²	Ratio: 1.30 Failed ⁵	Ratio: 6.92 AA ¹ AAA 18pt ⁴
Hex(C9C9BB)	Ratio: 1.70 Failed ⁵		Ratio: 1.71 Failed ⁵	Ratio: 5.15 AA ¹ AAA 18pt ⁴	Ratio: 2.21 Failed ⁵	Ratio: 11.74 Passed ⁶
Hex(969A91)	Ratio: 1.01 Failed ⁵	Ratio: 1.71 Failed ⁵		Ratio: 3.01 AA 18pt ²	Ratio: 1.29 Failed ⁵	Ratio: 6.85 AA ¹ AAA 18pt ⁴
Hex(4D4C46)	Ratio: 3.04 AA 18pt ²	Ratio: 5.15 AA ¹ AAA 18pt ⁴	Ratio: 3.01 AA 18pt ²		Ratio: 2.34 Failed ⁵	Ratio: 2.28 Failed ⁵
Hex(8C8900)	Ratio: 1.30 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 2.34 Failed ⁵		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(0D0C00)	Ratio: 6.92 AA ¹ AAA 18pt ⁴	Ratio: 11.74 Passed ⁶	Ratio: 6.85 AA ¹ AAA 18pt ⁴	Ratio: 2.28 Failed ⁵	Ratio: 5.32 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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