

Converting Colors - WCAG Matrix

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

Hex(999A89) Hex(C8C9AF) Hex(919A89) Hex(4C4D45) Hex(848C00) Hex(0C0D00)

	Hex(999A89)	Hex(C8C9AF)	Hex(919A89)	Hex(4C4D45)	Hex(848C00)	Hex(0C0D00)
Hex(999A89)		Ratio: 1.69 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.99 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 6.84 AA ¹ AAA 18pt ⁴
Hex(C8C9AF)	Ratio: 1.69 Failed ⁵		Ratio: 1.73 Failed ⁵	Ratio: 5.06 AA ¹ AAA 18pt ⁴	Ratio: 2.17 Failed ⁵	Ratio: 11.58 Passed ⁶
Hex(919A89)	Ratio: 1.02 Failed ⁵	Ratio: 1.73 Failed ⁵		Ratio: 2.93 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 6.70 AA ¹ AAA 18pt ⁴
Hex(4C4D45)	Ratio: 2.99 Failed ⁵	Ratio: 5.06 AA ¹ AAA 18pt ⁴	Ratio: 2.93 Failed ⁵		Ratio: 2.34 Failed ⁵	Ratio: 2.29 Failed ⁵
Hex(848C00)	Ratio: 1.28 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 2.34 Failed ⁵		Ratio: 5.34 AA ¹ AAA 18pt ⁴
Hex(0C0D00)	Ratio: 6.84 AA ¹ AAA 18pt ⁴	Ratio: 11.58 Passed ⁶	Ratio: 6.70 AA ¹ AAA 18pt ⁴	Ratio: 2.29 Failed ⁵	Ratio: 5.34 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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