

Converting Colors - WCAG Matrix

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

Hex(999071) Hex(C7C3B7) Hex(99717B) Hex(63615A) Hex(E3E3E3) Hex(636363)

	Hex(999071)	Hex(C7C3B7)	Hex(99717B)	Hex(63615A)	Hex(E3E3E3)	Hex(636363)
Hex(999071)		Ratio: 1.81 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 1.88 Failed ⁵
Hex(C7C3B7)	Ratio: 1.81 Failed ⁵		Ratio: 2.38 Failed ⁵	Ratio: 3.52 AA 18pt ²	Ratio: 1.37 Failed ⁵	Ratio: 3.41 AA 18pt ²
Hex(99717B)	Ratio: 1.32 Failed ⁵	Ratio: 2.38 Failed ⁵		Ratio: 1.48 Failed ⁵	Ratio: 3.27 AA 18pt ²	Ratio: 1.43 Failed ⁵
Hex(63615A)	Ratio: 1.94 Failed ⁵	Ratio: 3.52 AA 18pt ²	Ratio: 1.48 Failed ⁵		Ratio: 4.83 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(E3E3E3)	Ratio: 2.49 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 3.27 AA 18pt ²	Ratio: 4.83 AA ¹ AAA 18pt ⁴		Ratio: 4.68 AA ¹ AAA 18pt ⁴
Hex(636363)	Ratio: 1.88 Failed ⁵	Ratio: 3.41 AA 18pt ²	Ratio: 1.43 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 4.68 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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