

Converting Colors - WCAG Matrix

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

Hex(99966B) Hex(C7C6B5) Hex(996B6E) Hex(636359) Hex(E3E3E3) Hex(636363)

	Hex(99966B)	Hex(C7C6B5)	Hex(996B6E)	Hex(636359)	Hex(E3E3E3)	Hex(636363)
Hex(99966B)		Ratio: 1.76 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 1.98 Failed ⁵
Hex(C7C6B5)	Ratio: 1.76 Failed ⁵		Ratio: 2.60 Failed ⁵	Ratio: 3.52 AA 18pt ²	Ratio: 1.34 Failed ⁵	Ratio: 3.48 AA 18pt ²
Hex(996B6E)	Ratio: 1.48 Failed ⁵	Ratio: 2.60 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 3.49 AA 18pt ²	Ratio: 1.34 Failed ⁵
Hex(636359)	Ratio: 2.00 Failed ⁵	Ratio: 3.52 AA 18pt ²	Ratio: 1.35 Failed ⁵		Ratio: 4.73 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(E3E3E3)	Ratio: 2.36 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 3.49 AA 18pt ²	Ratio: 4.73 AA ¹ AAA 18pt ⁴		Ratio: 4.68 AA ¹ AAA 18pt ⁴
Hex(636363)	Ratio: 1.98 Failed ⁵	Ratio: 3.48 AA 18pt ²	Ratio: 1.34 Failed ⁵	Ratio: 1.01 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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