

Converting Colors - WCAG Matrix

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

Hex(93968E) Hex(C1C2C0) Hex(96918E) Hex(616160) Hex(E0E0E0) Hex(616161)

	Hex(93968E)	Hex(C1C2C0)	Hex(96918E)	Hex(616160)	Hex(E0E0E0)	Hex(616161)
Hex(93968E)		Ratio: 1.68 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 2.06 Failed ⁵
Hex(C1C2C0)	Ratio: 1.68 Failed ⁵		Ratio: 1.74 Failed ⁵	Ratio: 3.47 AA 18pt ²	Ratio: 1.35 Failed ⁵	Ratio: 3.46 AA 18pt ²
Hex(96918E)	Ratio: 1.04 Failed ⁵	Ratio: 1.74 Failed ⁵		Ratio: 1.99 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 1.99 Failed ⁵
Hex(616160)	Ratio: 2.06 Failed ⁵	Ratio: 3.47 AA 18pt ²	Ratio: 1.99 Failed ⁵		Ratio: 4.70 AA ¹ AAA 18pt ⁴	Ratio: 1.00 Failed ⁵
Hex(E0E0E0)	Ratio: 2.27 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 4.70 AA ¹ AAA 18pt ⁴		Ratio: 4.69 AA ¹ AAA 18pt ⁴
Hex(616161)	Ratio: 2.06 Failed ⁵	Ratio: 3.46 AA 18pt ²	Ratio: 1.99 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 4.69 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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