

Converting Colors - WCAG Matrix

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

	Hex(969696)	Hex(C2C2C2)	Hex(616161)	Hex(E0E0E0)
Hex(969696)		Ratio: 1.66 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.24 Failed ⁵
Hex(C2C2C2)	Ratio: 1.66 Failed ⁵		Ratio: 3.48 AA 18pt ²	Ratio: 1.35 Failed ⁵
Hex(616161)	Ratio: 2.09 Failed ⁵	Ratio: 3.48 AA 18pt ²		Ratio: 4.69 AA ¹ AAA 18pt ⁴
Hex(E0E0E0)	Ratio: 2.24 Failed ⁵	Ratio: 1.35 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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