

Converting Colors - WCAG Matrix

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

	Hex(666666)	Hex(858585)	Hex(424242)	Hex(C2C2C2)
Hex(666666)		Ratio: 1.56 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 3.22 AA 18pt ²
Hex(858585)	Ratio: 1.56 Failed ⁵		Ratio: 2.72 Failed ⁵	Ratio: 2.07 Failed ⁵
Hex(424242)	Ratio: 1.75 Failed ⁵	Ratio: 2.72 Failed ⁵		Ratio: 5.64 AA ¹ AAA 18pt ⁴
Hex(C2C2C2)	Ratio: 3.22 AA 18pt ²	Ratio: 2.07 Failed ⁵	Ratio: 5.64 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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