

Converting Colors - WCAG Matrix

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

	Hex(212121)	Hex(2B2B2B)	Hex(171717)	Hex(969696)
Hex(212121)		Ratio: 1.14 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 5.44 AA ¹ AAA 18pt ⁴
Hex(2B2B2B)	Ratio: 1.14 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 4.79 AA ¹ AAA 18pt ⁴
Hex(171717)	Ratio: 1.11 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 6.06 AA ¹ AAA 18pt ⁴
Hex(969696)	Ratio: 5.44 AA ¹ AAA 18pt ⁴	Ratio: 4.79 AA ¹ AAA 18pt ⁴	Ratio: 6.06 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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