

Converting Colors - WCAG Matrix

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

Hex(909090) Hex(AAAAAA) Hex(C6C6C6) Hex(E2E2E2) Hex(FEFEFE) Hex(FFFFFF)

Hex(909090)		Ratio: 1.37 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 3.17 AA 18pt ²
Hex(AAAAAA)	Ratio: 1.37 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.30 Failed ⁵
Hex(C6C6C6)	Ratio: 1.87 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.69 Failed ⁵
Hex(E2E2E2)	Ratio: 2.46 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.28 Failed ⁵
Hex(FEFEFE)	Ratio: 3.17 AA 18pt ²	Ratio: 2.30 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(FFFFFF)	Ratio: 3.19 AA 18pt ²	Ratio: 2.32 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.01 Failed ⁵

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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