

Converting Colors - WCAG Matrix

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

Hex(919191) Hex(ACACAC) Hex(C7C7C7) Hex(E3E3E3) Hex(FFFFFF)

Hex(919191)		Ratio: 1.39 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.46 Failed ⁵ AA 18pt ²
Hex(ACACAC)	Ratio: 1.39 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.77 Failed ⁵ Ratio: 2.27 Failed ⁵
Hex(C7C7C7)	Ratio: 1.86 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.32 Failed ⁵ Ratio: 1.69 Failed ⁵
Hex(E3E3E3)	Ratio: 2.46 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.28 Failed ⁵
Hex(FFFFFF)	Ratio: 3.15 AA 18pt ²	Ratio: 2.27 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.28 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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