

Converting Colors - WCAG Matrix

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

Hex(7A7A7A) Hex(949494) Hex(AEAEAE) Hex(CACACA) Hex(E6E6E6) Hex(FFFFFF)

Hex(7A7A7A)		Ratio: 1.42 Failed⁵	Ratio: 1.93 Failed⁵	Ratio: 2.62 Failed⁵	Ratio: 3.44 AA 18pt²
Hex(949494)	Ratio: 1.42 Failed⁵		Ratio: 1.37 Failed⁵	Ratio: 1.85 Failed⁵	Ratio: 2.43 Failed⁵
Hex(AEAEAE)	Ratio: 1.93 Failed⁵	Ratio: 1.37 Failed⁵		Ratio: 1.35 Failed⁵	Ratio: 1.78 Failed⁵
Hex(CACACA)	Ratio: 2.62 Failed⁵	Ratio: 1.85 Failed⁵	Ratio: 1.35 Failed⁵		Ratio: 1.31 Failed⁵
Hex(E6E6E6)	Ratio: 3.44 AA 18pt²	Ratio: 2.43 Failed⁵	Ratio: 1.78 Failed⁵	Ratio: 1.31 Failed⁵	
Hex(FFFFFF)	Ratio: 4.29 AA 18pt²	Ratio: 3.03 AA 18pt²	Ratio: 2.22 Failed⁵	Ratio: 1.64 Failed⁵	Ratio: 1.25 Failed⁵

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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