

Converting Colors - WCAG Matrix

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

Hex(8C8C8C) Hex(A7A7A7) Hex(C2C2C2) Hex(DEDEDE) Hex(FAFAFA) Hex(FFFFFF)

	Hex(8C8C8C)	Hex(A7A7A7)	Hex(C2C2C2)	Hex(DEDEDE)	Hex(FAFAFA)	Hex(FFFFFF)
Hex(8C8C8C)		Ratio: 1.40 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 3.22 AA 18pt ²	Ratio: 3.36 AA 18pt ²
Hex(A7A7A7)	Ratio: 1.40 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 2.41 Failed ⁵
Hex(C2C2C2)	Ratio: 1.89 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.78 Failed ⁵
Hex(DEDEDE)	Ratio: 2.50 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.35 Failed ⁵
Hex(FAFAFA)	Ratio: 3.22 AA 18pt ²	Ratio: 2.30 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.04 Failed ⁵
Hex(FFFFFF)	Ratio: 3.36 AA 18pt ²	Ratio: 2.41 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.04 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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