

Converting Colors - WCAG Matrix

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

Hex(858585) Hex(9F9F9F) Hex(BABABA) Hex(D5D5D5) Hex(F2F2F2) Hex(FFFFFF)

	Hex(858585)	Hex(9F9F9F)	Hex(BABABA)	Hex(D5D5D5)	Hex(F2F2F2)	Hex(FFFFFF)
Hex(858585)		Ratio: 1.39 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 3.30 AA 18pt ²	Ratio: 3.69 AA 18pt ²
Hex(9F9F9F)	Ratio: 1.39 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 2.65 Failed ⁵
Hex(BABABA)	Ratio: 1.90 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.94 Failed ⁵
Hex(D5D5D5)	Ratio: 2.51 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.47 Failed ⁵
Hex(F2F2F2)	Ratio: 3.30 AA 18pt ²	Ratio: 2.36 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.12 Failed ⁵
Hex(FFFFFF)	Ratio: 3.69 AA 18pt ²	Ratio: 2.65 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.12 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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