

Converting Colors - WCAG Matrix

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

Hex(A6A6A6) Hex(C2C2C2) Hex(DEDEDE) Hex(FAFAFA) Hex(FFFFFF)

Hex(A6A6A6)		Ratio: 1.37 Failed⁵	Ratio: 1.81 Failed⁵	Ratio: 2.33 Failed⁵
Hex(C2C2C2)	Ratio: 1.37 Failed⁵		Ratio: 1.32 Failed⁵	Ratio: 1.71 Failed⁵
Hex(DEDEDE)	Ratio: 1.81 Failed⁵	Ratio: 1.32 Failed⁵		Ratio: 1.29 Failed⁵
Hex(FAFAFA)	Ratio: 2.33 Failed⁵	Ratio: 1.71 Failed⁵	Ratio: 1.29 Failed⁵	
Hex(FFFFFF)	Ratio: 2.43 Failed⁵	Ratio: 1.78 Failed⁵	Ratio: 1.35 Failed⁵	Ratio: 1.04 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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