

Converting Colors - WCAG Matrix

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

	Hex(848484)	Hex(ABABAB)	Hex(575757)	Hex(D6D6D6)
Hex(848484)		Ratio: 1.63 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.57 Failed ⁵
Hex(ABABAB)	Ratio: 1.63 Failed ⁵		Ratio: 3.15 AA 18pt ²	Ratio: 1.58 Failed ⁵
Hex(575757)	Ratio: 1.93 Failed ⁵	Ratio: 3.15 AA 18pt ²		Ratio: 4.97 AA ¹ AAA 18pt ⁴
Hex(D6D6D6)	Ratio: 2.57 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 4.97 AA ¹ AAA 18pt ⁴	

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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