

Converting Colors - WCAG Matrix

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

	Hex(878787)	Hex(B0B0B0)	Hex(595959)	Hex(D9D9D9)
Hex(878787)		Ratio: 1.66 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.55 Failed ⁵
Hex(B0B0B0)	Ratio: 1.66 Failed ⁵		Ratio: 3.23 AA 18pt ²	Ratio: 1.54 Failed ⁵
Hex(595959)	Ratio: 1.95 Failed ⁵	Ratio: 3.23 AA 18pt ²		Ratio: 4.96 AA ¹ AAA 18pt ⁴
Hex(D9D9D9)	Ratio: 2.55 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 4.96 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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