

Converting Colors - WCAG Matrix

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

	Hex(787878)	Hex(9C9C9C)	Hex(4F4F4F)	Hex(CFCFCF)
Hex(787878)		Ratio: 1.61 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.83 Failed ⁵
Hex(9C9C9C)	Ratio: 1.61 Failed ⁵		Ratio: 2.98 Failed ⁵	Ratio: 1.76 Failed ⁵
Hex(4F4F4F)	Ratio: 1.86 Failed ⁵	Ratio: 2.98 Failed ⁵		Ratio: 5.26 AA ¹ AAA 18pt ⁴
Hex(CFCFCF)	Ratio: 2.83 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 5.26 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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