

Converting Colors - WCAG Matrix

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

Hex(989898) Hex(C7C7C7) Hex(4D4D4D) Hex(0E8C00) Hex(010D00)

	Hex(989898)	Hex(C7C7C7)	Hex(4D4D4D)	Hex(0E8C00)	Hex(010D00)
Hex(989898)		Ratio: 1.71 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 6.88 AA ¹ AAA 18pt ⁴
Hex(C7C7C7)	Ratio: 1.71 Failed ⁵		Ratio: 5.00 AA ¹ AAA 18pt ⁴	Ratio: 2.60 Failed ⁵	Ratio: 11.73 Passed ⁶
Hex(4D4D4D)	Ratio: 2.93 Failed ⁵	Ratio: 5.00 AA ¹ AAA 18pt ⁴		Ratio: 1.92 Failed ⁵	Ratio: 2.35 Failed ⁵
Hex(0E8C00)	Ratio: 1.53 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 1.92 Failed ⁵		Ratio: 4.51 AA ¹ AAA 18pt ⁴
Hex(010D00)	Ratio: 6.88 AA ¹ AAA 18pt ⁴	Ratio: 11.73 Passed ⁶	Ratio: 2.35 Failed ⁵	Ratio: 4.51 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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