

Converting Colors - WCAG Matrix

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

	Hex(0D0D0D)	Hex(121212)	Hex(0A0A0A)	Hex(8A8A8A)
Hex(0D0D0D)		Ratio: 1.04 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 5.63 AA ¹ AAA 18pt ⁴
Hex(121212)	Ratio: 1.04 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 5.43 AA ¹ AAA 18pt ⁴
Hex(0A0A0A)	Ratio: 1.02 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 5.73 AA ¹ AAA 18pt ⁴
Hex(8A8A8A)	Ratio: 5.63 AA ¹ AAA 18pt ⁴	Ratio: 5.43 AA ¹ AAA 18pt ⁴	Ratio: 5.73 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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