

Converting Colors - WCAG Matrix

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

Hex(1C1C1C) Hex(242424) Hex(0D0D0D) Hex(4C3700) Hex(CC9200)

	Hex(1C1C1C)	Hex(242424)	Hex(0D0D0D)	Hex(4C3700)	Hex(CC9200)
Hex(1C1C1C)		Ratio: 1.10 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 6.23 AA ¹ AAA 18pt ⁴
Hex(242424)	Ratio: 1.10 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 5.68 AA ¹ AAA 18pt ⁴
Hex(0D0D0D)	Ratio: 1.14 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.72 Failed ⁵	Ratio: 7.11 Passed ⁶
Hex(4C3700)	Ratio: 1.50 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.72 Failed ⁵		Ratio: 4.14 AA 18pt ²
Hex(CC9200)	Ratio: 6.23 AA ¹ AAA 18pt ⁴	Ratio: 5.68 AA ¹ AAA 18pt ⁴	Ratio: 7.11 Passed ⁶	Ratio: 4.14 AA 18pt ²	

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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