

Converting Colors - WCAG Matrix

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

Hex(1C1C1B) Hex(242423) Hex(1B1C1B) Hex(0D0D0C) Hex(4C4C00) Hex(CCCC00)

	Hex(1C1C1B)	Hex(242423)	Hex(1B1C1B)	Hex(0D0D0C)	Hex(4C4C00)	Hex(CCCC00)
Hex(1C1C1B)		Ratio: 1.10 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 9.91 Passed ⁶
Hex(242423)	Ratio: 1.10 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 9.03 Passed ⁶
Hex(1B1C1B)	Ratio: 1.00 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 9.93 Passed ⁶
Hex(0D0D0C)	Ratio: 1.14 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 2.17 Failed ⁵	Ratio: 11.30 Passed ⁶
Hex(4C4C00)	Ratio: 1.90 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.17 Failed ⁵		Ratio: 5.21 AA ¹ AAA 18pt ⁴
Hex(CCCC00)	Ratio: 9.91 Passed ⁶	Ratio: 9.03 Passed ⁶	Ratio: 9.93 Passed ⁶	Ratio: 11.30 Passed ⁶	Ratio: 5.21 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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