

Converting Colors - WCAG Matrix

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

	Hex(120108)	Hex(17000A)	Hex(111201)	Hex(080707)	Hex(47001E)	Hex(C70053)
Hex(120108)		Ratio: 1.01 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 3.44 AA 18pt ²
Hex(17000A)	Ratio: 1.01 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 3.41 AA 18pt ²
Hex(111201)	Ratio: 1.07 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 3.20 AA 18pt ²
Hex(080707)	Ratio: 1.01 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 3.40 AA 18pt ²
Hex(47001E)	Ratio: 1.24 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 2.76 Failed ⁵
Hex(C70053)	Ratio: 3.44 AA 18pt ²	Ratio: 3.41 AA 18pt ²	Ratio: 3.20 AA 18pt ²	Ratio: 3.40 AA 18pt ²	Ratio: 2.76 Failed ⁵	

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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