

Converting Colors - WCAG Matrix

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

Hex(121212) **Hex(171717)** **Hex(080808)** **Hex(470022)** **Hex(C7005E)**

	Hex(121212)	Hex(171717)	Hex(080808)	Hex(470022)	Hex(C7005E)
Hex(121212)		Ratio: 1.04 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 3.20 AA 18pt ²
Hex(171717)	Ratio: 1.04 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 3.06 AA 18pt ²
Hex(080808)	Ratio: 1.07 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 3.42 AA 18pt ²
Hex(470022)	Ratio: 1.15 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 2.78 Failed ⁵
Hex(C7005E)	Ratio: 3.20 AA 18pt ²	Ratio: 3.06 AA 18pt ²	Ratio: 3.42 AA 18pt ²	Ratio: 2.78 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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