

Converting Colors - WCAG Matrix

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

Hex(0E070B) Hex(12070D) Hex(070E0D) Hex(080707) Hex(470029) Hex(C70072)

	Hex(0E070B)	Hex(12070D)	Hex(070E0D)	Hex(080707)	Hex(470029)	Hex(C70072)
Hex(0E070B)		Ratio: 1.01 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 3.48 AA 18pt ²
Hex(12070D)	Ratio: 1.01 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 3.46 AA 18pt ²
Hex(070E0D)	Ratio: 1.02 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 3.41 AA 18pt ²
Hex(080707)	Ratio: 1.01 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 3.52 AA 18pt ²
Hex(470029)	Ratio: 1.23 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 2.82 Failed ⁵
Hex(C70072)	Ratio: 3.48 AA 18pt ²	Ratio: 3.46 AA 18pt ²	Ratio: 3.41 AA 18pt ²	Ratio: 3.52 AA 18pt ²	Ratio: 2.82 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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