

Converting Colors - WCAG Matrix

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

Hex(13080B) Hex(17070C) Hex(111308) Hex(0A0909) Hex(4A0016) Hex(C9003D)

	Hex(13080B)	Hex(17070C)	Hex(111308)	Hex(0A0909)	Hex(4A0016)	Hex(C9003D)
Hex(13080B)		Ratio: 1.00 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 3.33 AA 18pt ²
Hex(17070C)	Ratio: 1.00 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 3.31 AA 18pt ²
Hex(111308)	Ratio: 1.05 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 3.17 AA 18pt ²
Hex(0A0909)	Ratio: 1.01 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 3.36 AA 18pt ²
Hex(4A0016)	Ratio: 1.22 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 2.73 Failed ⁵
Hex(C9003D)	Ratio: 3.33 AA 18pt ²	Ratio: 3.31 AA 18pt ²	Ratio: 3.17 AA 18pt ²	Ratio: 3.36 AA 18pt ²	Ratio: 2.73 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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