

Converting Colors - WCAG Matrix

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

Hex(141213) Hex(191618) Hex(121414) Hex(0A090A) Hex(4A001E) Hex(C90051)

	Hex(141213)	Hex(191618)	Hex(121414)	Hex(0A090A)	Hex(4A001E)	Hex(C90051)
Hex(141213)		Ratio: 1.04 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 3.20 AA 18pt ²
Hex(191618)	Ratio: 1.04 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 3.08 AA 18pt ²
Hex(121414)	Ratio: 1.01 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 3.17 AA 18pt ²
Hex(0A090A)	Ratio: 1.07 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 3.41 AA 18pt ²
Hex(4A001E)	Ratio: 1.16 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 2.75 Failed ⁵
Hex(C90051)	Ratio: 3.20 AA 18pt ²	Ratio: 3.08 AA 18pt ²	Ratio: 3.17 AA 18pt ²	Ratio: 3.41 AA 18pt ²	Ratio: 2.75 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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