

Converting Colors - WCAG Matrix

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

Hex(150209) Hex(1C000A) Hex(150502) Hex(0A090A) Hex(4A0019) Hex(C90044)

	Hex(150209)	Hex(1C000A)	Hex(150502)	Hex(0A090A)	Hex(4A0019)	Hex(C90044)
Hex(150209)		Ratio: 1.01 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 3.41 AA 18pt ²
Hex(1C000A)	Ratio: 1.01 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 3.38 AA 18pt ²
Hex(150502)	Ratio: 1.01 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 3.38 AA 18pt ²
Hex(0A090A)	Ratio: 1.01 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 3.38 AA 18pt ²
Hex(4A0019)	Ratio: 1.25 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 2.73 Failed ⁵
Hex(C90044)	Ratio: 3.41 AA 18pt ²	Ratio: 3.38 AA 18pt ²	Ratio: 3.38 AA 18pt ²	Ratio: 3.38 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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