

Converting Colors - WCAG Matrix

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

	Hex(140005)	Hex(190007)	Hex(140400)	Hex(0A0909)	Hex(4A0014)	Hex(C90036)
Hex(140005)		Ratio: 1.01 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 3.43 AA 18pt ²
Hex(190007)	Ratio: 1.01 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 3.39 AA 18pt ²
Hex(140400)	Ratio: 1.01 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 3.38 AA 18pt ²
Hex(0A0909)	Ratio: 1.02 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 3.35 AA 18pt ²
Hex(4A0014)	Ratio: 1.26 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 2.72 Failed ⁵
Hex(C90036)	Ratio: 3.43 AA 18pt ²	Ratio: 3.39 AA 18pt ²	Ratio: 3.38 AA 18pt ²	Ratio: 3.35 AA 18pt ²	Ratio: 2.72 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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