

Converting Colors - WCAG Matrix

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

Hex(140E00) Hex(1A1200) Hex(101400) Hex(0A0A09) Hex(4A3400) Hex(C98D00)

	Hex(140E00)	Hex(1A1200)	Hex(101400)	Hex(0A0A09)	Hex(4A3400)	Hex(C98D00)
Hex(140E00)		Ratio: 1.03 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 6.68 AA ¹ AAA 18pt ⁴
Hex(1A1200)	Ratio: 1.03 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 6.45 AA ¹ AAA 18pt ⁴
Hex(101400)	Ratio: 1.03 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 6.50 AA ¹ AAA 18pt ⁴
Hex(0A0A09)	Ratio: 1.03 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.68 Failed ⁵	Ratio: 6.88 AA ¹ AAA 18pt ⁴
Hex(4A3400)	Ratio: 1.63 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.68 Failed ⁵		Ratio: 4.09 AA 18pt ²
Hex(C98D00)	Ratio: 6.68 AA ¹ AAA 18pt ⁴	Ratio: 6.45 AA ¹ AAA 18pt ⁴	Ratio: 6.50 AA ¹ AAA 18pt ⁴	Ratio: 6.88 AA ¹ AAA 18pt ⁴	Ratio: 4.09 AA 18pt ²	

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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