

Converting Colors - WCAG Matrix

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

Hex(100203) Hex(140001) Hex(0A1002) Hex(080707) Hex(470005) Hex(C7000E)

	Hex(100203)	Hex(140001)	Hex(0A1002)	Hex(080707)	Hex(470005)	Hex(C7000E)
Hex(100203)		Ratio: 1.00 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 3.33 AA 18pt ²
Hex(140001)	Ratio: 1.00 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 3.33 AA 18pt ²
Hex(0A1002)	Ratio: 1.05 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 3.16 AA 18pt ²
Hex(080707)	Ratio: 1.01 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 3.29 AA 18pt ²
Hex(470005)	Ratio: 1.23 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 2.70 Failed ⁵
Hex(C7000E)	Ratio: 3.33 AA 18pt ²	Ratio: 3.33 AA 18pt ²	Ratio: 3.16 AA 18pt ²	Ratio: 3.29 AA 18pt ²	Ratio: 2.70 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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