

Converting Colors - WCAG Matrix

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

Hex(1C0005) Hex(240006) Hex(1C0900) Hex(0D0B0C) Hex(4D000E) Hex(CC0024)

	Hex(1C0005)	Hex(240006)	Hex(1C0900)	Hex(0D0B0C)	Hex(4D000E)	Hex(CC0024)
Hex(1C0005)		Ratio: 1.02 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 3.42 AA 18pt ²
Hex(240006)	Ratio: 1.02 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 3.33 AA 18pt ²
Hex(1C0900)	Ratio: 1.03 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 3.30 AA 18pt ²
Hex(0D0B0C)	Ratio: 1.02 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 3.36 AA 18pt ²
Hex(4D000E)	Ratio: 1.26 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 2.72 Failed ⁵
Hex(CC0024)	Ratio: 3.42 AA 18pt ²	Ratio: 3.33 AA 18pt ²	Ratio: 3.30 AA 18pt ²	Ratio: 3.36 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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