

Converting Colors - WCAG Matrix

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

Hex(0B0103) Hex(0F0003) Hex(01080B) Hex(050505) Hex(45000E) Hex(C40027)

	Hex(0B0103)	Hex(0F0003)	Hex(01080B)	Hex(050505)	Hex(45000E)	Hex(C40027)
Hex(0B0103)		Ratio: 1.00 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 3.31 AA 18pt ²
Hex(0F0003)	Ratio: 1.00 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 3.31 AA 18pt ²
Hex(01080B)	Ratio: 1.02 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 3.24 AA 18pt ²
Hex(050505)	Ratio: 1.01 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 3.28 AA 18pt ²
Hex(45000E)	Ratio: 1.23 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 2.68 Failed ⁵
Hex(C40027)	Ratio: 3.31 AA 18pt ²	Ratio: 3.31 AA 18pt ²	Ratio: 3.24 AA 18pt ²	Ratio: 3.28 AA 18pt ²	Ratio: 2.68 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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