

Converting Colors - WCAG Matrix

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

Hex(0A000A) Hex(0D000C) Hex(050A00) Hex(050505) Hex(450043) Hex(C400BE)

	Hex(0A000A)	Hex(0D000C)	Hex(050A00)	Hex(050505)	Hex(450043)	Hex(C400BE)
Hex(0A000A)		Ratio: 1.01 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 4.02 AA 18pt ²
Hex(0D000C)	Ratio: 1.01 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 4.00 AA 18pt ²
Hex(050A00)	Ratio: 1.03 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 3.90 AA 18pt ²
Hex(050505)	Ratio: 1.01 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 3.97 AA 18pt ²
Hex(450043)	Ratio: 1.31 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 3.07 AA 18pt ²
Hex(C400BE)	Ratio: 4.02 AA 18pt ²	Ratio: 4.00 AA 18pt ²	Ratio: 3.90 AA 18pt ²	Ratio: 3.97 AA 18pt ²	Ratio: 3.07 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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