

Converting Colors - WCAG Matrix

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

Hex(0D000B) Hex(12000F) Hex(040D00) Hex(080708) Hex(47003B) Hex(C700A5)

	Hex(0D000B)	Hex(12000F)	Hex(040D00)	Hex(080708)	Hex(47003B)	Hex(C700A5)
Hex(0D000B)		Ratio: 1.01 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 3.89 AA 18pt ²
Hex(12000F)	Ratio: 1.01 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 3.85 AA 18pt ²
Hex(040D00)	Ratio: 1.04 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 3.74 AA 18pt ²
Hex(080708)	Ratio: 1.02 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 3.80 AA 18pt ²
Hex(47003B)	Ratio: 1.30 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 2.98 Failed ⁵
Hex(C700A5)	Ratio: 3.89 AA 18pt ²	Ratio: 3.85 AA 18pt ²	Ratio: 3.74 AA 18pt ²	Ratio: 3.80 AA 18pt ²	Ratio: 2.98 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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