

Converting Colors - WCAG Matrix

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

Hex(0D0C0D) Hex(121011) Hex(0D0C0C) Hex(080707) Hex(470027) Hex(C7006D)

	Hex(0D0C0D)	Hex(121011)	Hex(0D0C0C)	Hex(080707)	Hex(470027)	Hex(C7006D)
Hex(0D0C0D)		Ratio: 1.03 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 3.39 AA 18pt ²
Hex(121011)	Ratio: 1.03 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 3.29 AA 18pt ²
Hex(0D0C0C)	Ratio: 1.00 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 3.39 AA 18pt ²
Hex(080707)	Ratio: 1.03 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 3.50 AA 18pt ²
Hex(470027)	Ratio: 1.21 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 2.81 Failed ⁵
Hex(C7006D)	Ratio: 3.39 AA 18pt ²	Ratio: 3.29 AA 18pt ²	Ratio: 3.39 AA 18pt ²	Ratio: 3.50 AA 18pt ²	Ratio: 2.81 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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