

Converting Colors - WCAG Matrix

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

Hex(170B11) Hex(1F0C15) Hex(170B0B) Hex(0D0B0C) Hex(4D0026) Hex(CC0066)

	Hex(170B11)	Hex(1F0C15)	Hex(170B0B)	Hex(0D0B0C)	Hex(4D0026)	Hex(CC0066)
Hex(170B11)		Ratio: 1.03 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 3.44 AA 18pt ²
Hex(1F0C15)	Ratio: 1.03 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 3.35 AA 18pt ²
Hex(170B0B)	Ratio: 1.00 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 3.45 AA 18pt ²
Hex(0D0B0C)	Ratio: 1.02 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 3.51 AA 18pt ²
Hex(4D0026)	Ratio: 1.23 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 2.80 Failed ⁵
Hex(CC0066)	Ratio: 3.44 AA 18pt ²	Ratio: 3.35 AA 18pt ²	Ratio: 3.45 AA 18pt ²	Ratio: 3.51 AA 18pt ²	Ratio: 2.80 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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