

Converting Colors - WCAG Matrix

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

Hex(1B0E19) Hex(240F21) Hex(1B160E) Hex(0D0B0D) Hex(4D0042) Hex(CC00B1)

	Hex(1B0E19)	Hex(240F21)	Hex(1B160E)	Hex(0D0B0D)	Hex(4D0042)	Hex(CC00B1)
Hex(1B0E19)		Ratio: 1.04 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 3.74 AA 18pt ²
Hex(240F21)	Ratio: 1.04 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 3.61 AA 18pt ²
Hex(1B160E)	Ratio: 1.04 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 3.60 AA 18pt ²
Hex(0D0B0D)	Ratio: 1.05 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 3.92 AA 18pt ²
Hex(4D0042)	Ratio: 1.24 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 3.01 AA 18pt ²
Hex(CC00B1)	Ratio: 3.74 AA 18pt ²	Ratio: 3.61 AA 18pt ²	Ratio: 3.60 AA 18pt ²	Ratio: 3.92 AA 18pt ²	Ratio: 3.01 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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