

Converting Colors - WCAG Matrix

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

Hex(20001C) Hex(290025) Hex(201200) Hex(0F0E0F) Hex(4F0047) Hex(CF00BA)

	Hex(20001C)	Hex(290025)	Hex(201200)	Hex(0F0E0F)	Hex(4F0047)	Hex(CF00BA)
Hex(20001C)		Ratio: 1.04 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 4.05 AA 18pt ²
Hex(290025)	Ratio: 1.04 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 3.89 AA 18pt ²
Hex(201200)	Ratio: 1.06 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 3.80 AA 18pt ²
Hex(0F0E0F)	Ratio: 1.01 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 4.00 AA 18pt ²
Hex(4F0047)	Ratio: 1.32 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 3.06 AA 18pt ²
Hex(CF00BA)	Ratio: 4.05 AA 18pt ²	Ratio: 3.89 AA 18pt ²	Ratio: 3.80 AA 18pt ²	Ratio: 4.00 AA 18pt ²	Ratio: 3.06 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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