

Converting Colors - WCAG Matrix

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

Hex(CBC1F1) Hex(CFC2FF) Hex(E3C1F1) Hex(6E6C78) Hex(2600B8) Hex(0C0038)

	Hex(CBC1F1)	Hex(CFC2FF)	Hex(E3C1F1)	Hex(6E6C78)	Hex(2600B8)	Hex(0C0038)
Hex(CBC1F1)		Ratio: 1.03 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 3.05 AA 18pt ²	Ratio: 7.01 Passed ⁶	Ratio: 11.59 Passed ⁶
Hex(CFC2FF)	Ratio: 1.03 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 3.14 AA 18pt ²	Ratio: 7.22 Passed ⁶	Ratio: 11.94 Passed ⁶
Hex(E3C1F1)	Ratio: 1.06 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 3.23 AA 18pt ²	Ratio: 7.42 Passed ⁶	Ratio: 12.27 Passed ⁶
Hex(6E6C78)	Ratio: 3.05 AA 18pt ²	Ratio: 3.14 AA 18pt ²	Ratio: 3.23 AA 18pt ²		Ratio: 2.30 Failed ⁵	Ratio: 3.80 AA 18pt ²
Hex(2600B8)	Ratio: 7.01 Passed ⁶	Ratio: 7.22 Passed ⁶	Ratio: 7.42 Passed ⁶	Ratio: 2.30 Failed ⁵		Ratio: 1.65 Failed ⁵
Hex(0C0038)	Ratio: 11.59 Passed ⁶	Ratio: 11.94 Passed ⁶	Ratio: 12.27 Passed ⁶	Ratio: 3.80 AA 18pt ²	Ratio: 1.65 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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