

Converting Colors - WCAG Matrix

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

Hex(7C5EFF) Hex(613DFF) Hex(CC5EFF) Hex(757380) Hex(2300BF) Hex(0C0040)

	Hex(7C5EFF)	Hex(613DFF)	Hex(CC5EFF)	Hex(757380)	Hex(2300BF)	Hex(0C0040)
Hex(7C5EFF)		Ratio: 1.35 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 4.50 AA ¹ AAA 18pt ⁴
Hex(613DFF)	Ratio: 1.35 Failed ⁵		Ratio: 1.83 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 3.32 AA 18pt ²
Hex(CC5EFF)	Ratio: 1.35 Failed ⁵	Ratio: 1.83 Failed ⁵		Ratio: 1.46 Failed ⁵	Ratio: 3.63 AA 18pt ²	Ratio: 6.07 AA ¹ AAA 18pt ⁴
Hex(757380)	Ratio: 1.08 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.46 Failed ⁵		Ratio: 2.48 Failed ⁵	Ratio: 4.15 AA 18pt ²
Hex(2300BF)	Ratio: 2.69 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 3.63 AA 18pt ²	Ratio: 2.48 Failed ⁵		Ratio: 1.67 Failed ⁵
Hex(0C0040)	Ratio: 4.50 AA ¹ AAA 18pt ⁴	Ratio: 3.32 AA 18pt ²	Ratio: 6.07 AA ¹ AAA 18pt ⁴	Ratio: 4.15 AA 18pt ²	Ratio: 1.67 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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