

Converting Colors - WCAG Matrix

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

Hex(71B2ED) Hex(5EB3FF) Hex(7175ED) Hex(6A7075) Hex(005FB5) Hex(001C36)

	Hex(71B2ED)	Hex(5EB3FF)	Hex(7175ED)	Hex(6A7075)	Hex(005FB5)	Hex(001C36)
Hex(71B2ED)		Ratio: 1.01 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 7.62 Passed ⁶
Hex(5EB3FF)	Ratio: 1.01 Failed ⁵		Ratio: 1.71 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 7.68 Passed ⁶
Hex(7175ED)	Ratio: 1.70 Failed ⁵	Ratio: 1.71 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 4.49 AA 18pt ²
Hex(6A7075)	Ratio: 2.22 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 3.43 AA 18pt ²
Hex(005FB5)	Ratio: 2.81 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 2.71 Failed ⁵
Hex(001C36)	Ratio: 7.62 Passed ⁶	Ratio: 7.68 Passed ⁶	Ratio: 4.49 AA 18pt ²	Ratio: 3.43 AA 18pt ²	Ratio: 2.71 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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