

Converting Colors - WCAG Matrix

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

Hex(70C3FF) Hex(54B7FF) Hex(707CFF) Hex(737A80) Hex(006FBF) Hex(002540)

	Hex(70C3FF)	Hex(54B7FF)	Hex(707CFF)	Hex(737A80)	Hex(006FBF)	Hex(002540)
Hex(70C3FF)		Ratio: 1.14 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 8.17 Passed ⁶
Hex(54B7FF)	Ratio: 1.14 Failed ⁵		Ratio: 1.59 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 7.17 Passed ⁶
Hex(707CFF)	Ratio: 1.82 Failed ⁵	Ratio: 1.59 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 4.49 AA 18pt ²
Hex(737A80)	Ratio: 2.27 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 3.60 AA 18pt ²
Hex(006FBF)	Ratio: 2.72 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 3.01 AA 18pt ²
Hex(002540)	Ratio: 8.17 Passed ⁶	Ratio: 7.17 Passed ⁶	Ratio: 4.49 AA 18pt ²	Ratio: 3.60 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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