

Converting Colors - WCAG Matrix

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

Hex(8CBAFF) Hex(75ACFF) Hex(978CFF) Hex(737880) Hex(004DBF) Hex(001A40)

	Hex(8CBAFF)	Hex(75ACFF)	Hex(978CFF)	Hex(737880)	Hex(004DBF)	Hex(001A40)
Hex(8CBAFF)		Ratio: 1.16 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 3.76 AA 18pt ²	Ratio: 8.66 Passed ⁶
Hex(75ACFF)	Ratio: 1.16 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 3.23 AA 18pt ²	Ratio: 7.45 Passed ⁶
Hex(978CFF)	Ratio: 1.41 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.59 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 6.15 AA ¹ AAA 18pt ⁴
Hex(737880)	Ratio: 2.24 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.59 Failed ⁵		Ratio: 1.68 Failed ⁵	Ratio: 3.87 AA 18pt ²
Hex(004DBF)	Ratio: 3.76 AA 18pt ²	Ratio: 3.23 AA 18pt ²	Ratio: 2.67 Failed ⁵	Ratio: 1.68 Failed ⁵		Ratio: 2.30 Failed ⁵
Hex(001A40)	Ratio: 8.66 Passed ⁶	Ratio: 7.45 Passed ⁶	Ratio: 6.15 AA ¹ AAA 18pt ⁴	Ratio: 3.87 AA 18pt ²	Ratio: 2.30 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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