

Converting Colors - WCAG Matrix

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

Hex(A4CCFE) Hex(94C4FF) Hex(A9A4FE) Hex(737880) Hex(0055BF) Hex(001C40)

	Hex(A4CCFE)	Hex(94C4FF)	Hex(A9A4FE)	Hex(737880)	Hex(0055BF)	Hex(001C40)
Hex(A4CCFE)		Ratio: 1.09 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 4.14 AA 18pt ²	Ratio: 10.20 Passed ⁶
Hex(94C4FF)	Ratio: 1.09 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 3.80 AA 18pt ²	Ratio: 9.35 Passed ⁶
Hex(A9A4FE)	Ratio: 1.34 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.99 Failed ⁵	Ratio: 3.09 AA 18pt ²	Ratio: 7.60 Passed ⁶
Hex(737880)	Ratio: 2.68 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 1.99 Failed ⁵		Ratio: 1.55 Failed ⁵	Ratio: 3.81 AA 18pt ²
Hex(0055BF)	Ratio: 4.14 AA 18pt ²	Ratio: 3.80 AA 18pt ²	Ratio: 3.09 AA 18pt ²	Ratio: 1.55 Failed ⁵		Ratio: 2.46 Failed ⁵
Hex(001C40)	Ratio: 10.20 Passed ⁶	Ratio: 9.35 Passed ⁶	Ratio: 7.60 Passed ⁶	Ratio: 3.81 AA 18pt ²	Ratio: 2.46 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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