

Converting Colors - WCAG Matrix

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

Hex(A2C4FD) Hex(91BAFF) Hex(ADA2FD) Hex(737880) Hex(0047BF) Hex(001840)

Hex(A2C4FD)		Ratio: 1.11 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 4.47 AA 18pt ²	Ratio: 9.84 Passed ⁶
Hex(91BAFF)	Ratio: 1.11 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 4.02 AA 18pt ²	Ratio: 8.86 Passed ⁶
Hex(ADA2FD)	Ratio: 1.27 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.98 Failed ⁵	Ratio: 3.53 AA 18pt ²	Ratio: 7.77 Passed ⁶
Hex(737880)	Ratio: 2.51 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 1.98 Failed ⁵		Ratio: 1.78 Failed ⁵	Ratio: 3.92 AA 18pt ²
Hex(0047BF)	Ratio: 4.47 AA 18pt ²	Ratio: 4.02 AA 18pt ²	Ratio: 3.53 AA 18pt ²	Ratio: 1.78 Failed ⁵		Ratio: 2.20 Failed ⁵
Hex(001840)	Ratio: 9.84 Passed ⁶	Ratio: 8.86 Passed ⁶	Ratio: 7.77 Passed ⁶	Ratio: 3.92 AA 18pt ²	Ratio: 2.20 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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