

Converting Colors - WCAG Matrix

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

Hex(BBD1FE) Hex(ADC8FF) Hex(C6BBFE) Hex(737780) Hex(003FBF) Hex(001540)

	Hex(BBD1FE)	Hex(ADC8FF)	Hex(C6BBFE)	Hex(737780)	Hex(003FBF)	Hex(001540)
Hex(BBD1FE)		Ratio: 1.09 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 2.92 Failed ⁵	Ratio: 5.55 AA ¹ AAA 18pt ⁴	Ratio: 11.57 Passed ⁶
Hex(ADC8FF)	Ratio: 1.09 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 5.07 AA ¹ AAA 18pt ⁴	Ratio: 10.57 Passed ⁶
Hex(C6BBFE)	Ratio: 1.14 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 2.55 Failed ⁵	Ratio: 4.85 AA ¹ AAA 18pt ⁴	Ratio: 10.11 Passed ⁶
Hex(737780)	Ratio: 2.92 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 2.55 Failed ⁵		Ratio: 1.90 Failed ⁵	Ratio: 3.96 AA 18pt ²
Hex(003FBF)	Ratio: 5.55 AA ¹ AAA 18pt ⁴	Ratio: 5.07 AA ¹ AAA 18pt ⁴	Ratio: 4.85 AA ¹ AAA 18pt ⁴	Ratio: 1.90 Failed ⁵		Ratio: 2.09 Failed ⁵
Hex(001540)	Ratio: 11.57 Passed ⁶	Ratio: 10.57 Passed ⁶	Ratio: 10.11 Passed ⁶	Ratio: 3.96 AA 18pt ²	Ratio: 2.09 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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