

Converting Colors - WCAG Matrix

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

Hex(8EC4FA) Hex(7ABEFF) Hex(8E90FA) Hex(70787D) Hex(0061BD) Hex(00203D)

	Hex(8EC4FA)	Hex(7ABEFF)	Hex(8E90FA)	Hex(70787D)	Hex(0061BD)	Hex(00203D)
Hex(8EC4FA)		Ratio: 1.07 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 3.32 AA 18pt ²	Ratio: 8.97 Passed ⁶
Hex(7ABEFF)	Ratio: 1.07 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 3.09 AA 18pt ²	Ratio: 8.35 Passed ⁶
Hex(8E90FA)	Ratio: 1.52 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.61 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 5.90 AA ¹ AAA 18pt ⁴
Hex(70787D)	Ratio: 2.45 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 1.61 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 3.67 AA 18pt ²
Hex(0061BD)	Ratio: 3.32 AA 18pt ²	Ratio: 3.09 AA 18pt ²	Ratio: 2.18 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 2.70 Failed ⁵
Hex(00203D)	Ratio: 8.97 Passed ⁶	Ratio: 8.35 Passed ⁶	Ratio: 5.90 AA ¹ AAA 18pt ⁴	Ratio: 3.67 AA 18pt ²	Ratio: 2.70 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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