

Converting Colors - WCAG Matrix

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

Hex(86C8F7) Hex(73C5FF) Hex(8691F7) Hex(6E757A) Hex(006DBA) Hex(00223B)

	Hex(86C8F7)	Hex(73C5FF)	Hex(8691F7)	Hex(6E757A)	Hex(006DBA)	Hex(00223B)
Hex(86C8F7)		Ratio: 1.04 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 8.99 Passed ⁶
Hex(73C5FF)	Ratio: 1.04 Failed ⁵		Ratio: 1.51 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 8.64 Passed ⁶
Hex(8691F7)	Ratio: 1.57 Failed ⁵	Ratio: 1.51 Failed ⁵		Ratio: 1.65 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 5.73 AA ¹ AAA 18pt ⁴
Hex(6E757A)	Ratio: 2.59 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 1.65 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 3.47 AA 18pt ²
Hex(006DBA)	Ratio: 2.98 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 3.02 AA 18pt ²
Hex(00223B)	Ratio: 8.99 Passed ⁶	Ratio: 8.64 Passed ⁶	Ratio: 5.73 AA ¹ AAA 18pt ⁴	Ratio: 3.47 AA 18pt ²	Ratio: 3.02 AA 18pt ²	

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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