

Converting Colors - WCAG Matrix

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

Hex(42C0F0) Hex(21C2FF) Hex(426BF0) Hex(6C7578) Hex(0085B8) Hex(002938)

	Hex(42C0F0)	Hex(21C2FF)	Hex(426BF0)	Hex(6C7578)	Hex(0085B8)	Hex(002938)
Hex(42C0F0)		Ratio: 1.02 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 7.30 Passed ⁶
Hex(21C2FF)	Ratio: 1.02 Failed ⁵		Ratio: 2.23 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 7.44 Passed ⁶
Hex(426BF0)	Ratio: 2.18 Failed ⁵	Ratio: 2.23 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 3.34 AA 18pt ²
Hex(6C7578)	Ratio: 2.25 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 3.24 AA 18pt ²
Hex(0085B8)	Ratio: 1.99 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 3.67 AA 18pt ²
Hex(002938)	Ratio: 7.30 Passed ⁶	Ratio: 7.44 Passed ⁶	Ratio: 3.34 AA 18pt ²	Ratio: 3.24 AA 18pt ²	Ratio: 3.67 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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