

Converting Colors - WCAG Matrix

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

Hex(D4F0FC) Hex(CFF0FF) Hex(D4DBFC) Hex(737D80) Hex(0082BF) Hex(002B40)

	Hex(D4F0FC)	Hex(CFF0FF)	Hex(D4DBFC)	Hex(737D80)	Hex(0082BF)	Hex(002B40)
Hex(D4F0FC)		Ratio: 1.01 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 3.55 AA 18pt ²	Ratio: 3.57 AA 18pt ²	Ratio: 12.45 Passed ⁶
Hex(CFF0FF)	Ratio: 1.01 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 3.53 AA 18pt ²	Ratio: 3.55 AA 18pt ²	Ratio: 12.37 Passed ⁶
Hex(D4DBFC)	Ratio: 1.15 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 3.08 AA 18pt ²	Ratio: 3.10 AA 18pt ²	Ratio: 10.80 Passed ⁶
Hex(737D80)	Ratio: 3.55 AA 18pt ²	Ratio: 3.53 AA 18pt ²	Ratio: 3.08 AA 18pt ²		Ratio: 1.01 Failed ⁵	Ratio: 3.50 AA 18pt ²
Hex(0082BF)	Ratio: 3.57 AA 18pt ²	Ratio: 3.55 AA 18pt ²	Ratio: 3.10 AA 18pt ²	Ratio: 1.01 Failed ⁵		Ratio: 3.48 AA 18pt ²
Hex(002B40)	Ratio: 12.45 Passed ⁶	Ratio: 12.37 Passed ⁶	Ratio: 10.80 Passed ⁶	Ratio: 3.50 AA 18pt ²	Ratio: 3.48 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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