

Converting Colors - WCAG Matrix

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

Hex(00CFFE) Hex(00D0FF) Hex(0050FE) Hex(737D80) Hex(009CBF) Hex(003440)

	Hex(00CFFE)	Hex(00D0FF)	Hex(0050FE)	Hex(737D80)	Hex(009CBF)	Hex(003440)
Hex(00CFFE)		Ratio: 1.01 Failed ⁵	Ratio: 3.17 AA 18pt ²	Ratio: 2.28 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 7.26 Passed ⁶
Hex(00D0FF)	Ratio: 1.01 Failed ⁵		Ratio: 3.20 AA 18pt ²	Ratio: 2.31 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 7.33 Passed ⁶
Hex(0050FE)	Ratio: 3.17 AA 18pt ²	Ratio: 3.20 AA 18pt ²		Ratio: 1.39 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.29 Failed ⁵
Hex(737D80)	Ratio: 2.28 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 3.18 AA 18pt ²
Hex(009CBF)	Ratio: 1.75 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 4.16 AA 18pt ²
Hex(003440)	Ratio: 7.26 Passed ⁶	Ratio: 7.33 Passed ⁶	Ratio: 2.29 Failed ⁵	Ratio: 3.18 AA 18pt ²	Ratio: 4.16 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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