

Converting Colors - WCAG Matrix

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

Hex(00CAF4) Hex(00D3FF) Hex(0051F4) Hex(6E787A) Hex(009ABA) Hex(00313B)

	Hex(00CAF4)	Hex(00D3FF)	Hex(0051F4)	Hex(6E787A)	Hex(009ABA)	Hex(00313B)
Hex(00CAF4)		Ratio: 1.09 Failed ⁵	Ratio: 3.09 AA 18pt ²	Ratio: 2.32 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 7.16 Passed ⁶
Hex(00D3FF)	Ratio: 1.09 Failed ⁵		Ratio: 3.38 AA 18pt ²	Ratio: 2.54 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 7.83 Passed ⁶
Hex(0051F4)	Ratio: 3.09 AA 18pt ²	Ratio: 3.38 AA 18pt ²		Ratio: 1.33 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.32 Failed ⁵
Hex(6E787A)	Ratio: 2.32 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 3.08 AA 18pt ²
Hex(009ABA)	Ratio: 1.70 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 4.21 AA 18pt ²
Hex(00313B)	Ratio: 7.16 Passed ⁶	Ratio: 7.83 Passed ⁶	Ratio: 2.32 Failed ⁵	Ratio: 3.08 AA 18pt ²	Ratio: 4.21 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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