

Converting Colors - WCAG Matrix

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

Hex(32C3F4) Hex(0DC2FF) Hex(3263F4) Hex(6E777A) Hex(008BBA) Hex(002C3B)

	Hex(32C3F4)	Hex(0DC2FF)	Hex(3263F4)	Hex(6E777A)	Hex(008BBA)	Hex(002C3B)
Hex(32C3F4)		Ratio: 1.01 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 7.20 Passed ⁶
Hex(0DC2FF)	Ratio: 1.01 Failed ⁵		Ratio: 2.41 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 7.15 Passed ⁶
Hex(3263F4)	Ratio: 2.42 Failed ⁵	Ratio: 2.41 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 2.97 Failed ⁵
Hex(6E777A)	Ratio: 2.24 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 3.22 AA 18pt ²
Hex(008BBA)	Ratio: 1.90 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 3.80 AA 18pt ²
Hex(002C3B)	Ratio: 7.20 Passed ⁶	Ratio: 7.15 Passed ⁶	Ratio: 2.97 Failed ⁵	Ratio: 3.22 AA 18pt ²	Ratio: 3.80 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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