

Converting Colors - WCAG Matrix

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

Hex(00B2F0) Hex(00BDFF) Hex(003CF0) Hex(6C7578) Hex(0088B8) Hex(002A38)

	Hex(00B2F0)	Hex(00BDFF)	Hex(003CF0)	Hex(6C7578)	Hex(0088B8)	Hex(002A38)
Hex(00B2F0)		Ratio: 1.13 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 6.21 AA ¹ AAA 18pt ⁴
Hex(00BDFF)	Ratio: 1.13 Failed ⁵		Ratio: 3.35 AA 18pt ²	Ratio: 2.18 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 7.00 Passed ⁶
Hex(003CF0)	Ratio: 2.97 Failed ⁵	Ratio: 3.35 AA 18pt ²		Ratio: 1.53 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.09 Failed ⁵
Hex(6C7578)	Ratio: 1.94 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 1.53 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 3.21 AA 18pt ²
Hex(0088B8)	Ratio: 1.65 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 3.76 AA 18pt ²
Hex(002A38)	Ratio: 6.21 AA ¹ AAA 18pt ⁴	Ratio: 7.00 Passed ⁶	Ratio: 2.09 Failed ⁵	Ratio: 3.21 AA 18pt ²	Ratio: 3.76 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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