

Converting Colors - WCAG Matrix

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

Hex(41C2D2) Hex(2BE8FF) Hex(417BD2) Hex(5E6769) Hex(0096A8) Hex(002429)

	Hex(41C2D2)	Hex(2BE8FF)	Hex(417BD2)	Hex(5E6769)	Hex(0096A8)	Hex(002429)
Hex(41C2D2)		Ratio: 1.43 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 7.69 Passed ⁶
Hex(2BE8FF)	Ratio: 1.43 Failed ⁵		Ratio: 2.82 Failed ⁵	Ratio: 3.89 AA 18pt ²	Ratio: 2.38 Failed ⁵	Ratio: 10.97 Passed ⁶
Hex(417BD2)	Ratio: 1.98 Failed ⁵	Ratio: 2.82 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 3.88 AA 18pt ²
Hex(5E6769)	Ratio: 2.73 Failed ⁵	Ratio: 3.89 AA 18pt ²	Ratio: 1.38 Failed ⁵		Ratio: 1.64 Failed ⁵	Ratio: 2.82 Failed ⁵
Hex(0096A8)	Ratio: 1.67 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.64 Failed ⁵		Ratio: 4.62 AA ¹ AAA 18pt ⁴
Hex(002429)	Ratio: 7.69 Passed ⁶	Ratio: 10.97 Passed ⁶	Ratio: 3.88 AA 18pt ²	Ratio: 2.82 Failed ⁵	Ratio: 4.62 AA ¹ AAA 18pt ⁴	

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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