

Converting Colors - WCAG Matrix

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

Hex(C9FFFF) Hex(BDFFFF) Hex(C9E4FF) Hex(737F80) Hex(00BEBF) Hex(003F40)

	Hex(C9FFFF)	Hex(BDFFFF)	Hex(C9E4FF)	Hex(737F80)	Hex(00BEBF)	Hex(003F40)
Hex(C9FFFF)		Ratio: 1.02 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 3.79 AA 18pt ²	Ratio: 2.11 Failed ⁵	Ratio: 10.77 Passed ⁶
Hex(BDFFFF)	Ratio: 1.02 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 3.73 AA 18pt ²	Ratio: 2.07 Failed ⁵	Ratio: 10.59 Passed ⁶
Hex(C9E4FF)	Ratio: 1.20 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 3.16 AA 18pt ²	Ratio: 1.76 Failed ⁵	Ratio: 8.98 Passed ⁶
Hex(737F80)	Ratio: 3.79 AA 18pt ²	Ratio: 3.73 AA 18pt ²	Ratio: 3.16 AA 18pt ²		Ratio: 1.80 Failed ⁵	Ratio: 2.84 Failed ⁵
Hex(00BEBF)	Ratio: 2.11 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.80 Failed ⁵		Ratio: 5.11 AA ¹ AAA 18pt ⁴
Hex(003F40)	Ratio: 10.77 Passed ⁶	Ratio: 10.59 Passed ⁶	Ratio: 8.98 Passed ⁶	Ratio: 2.84 Failed ⁵	Ratio: 5.11 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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