

Converting Colors - WCAG Matrix

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

Hex(C7FEFF) Hex(BAFEFF) Hex(C7E3FF) Hex(737F80) Hex(00BCBF) Hex(003F40)

	Hex(C7FEFF)	Hex(BAFEFF)	Hex(C7E3FF)	Hex(737F80)	Hex(00BCBF)	Hex(003F40)
Hex(C7FEFF)		Ratio: 1.02 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 3.75 AA 18pt ²	Ratio: 2.13 Failed ⁵	Ratio: 10.67 Passed ⁶
Hex(BAFEFF)	Ratio: 1.02 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 3.69 AA 18pt ²	Ratio: 2.09 Failed ⁵	Ratio: 10.48 Passed ⁶
Hex(C7E3FF)	Ratio: 1.20 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 3.12 AA 18pt ²	Ratio: 1.77 Failed ⁵	Ratio: 8.89 Passed ⁶
Hex(737F80)	Ratio: 3.75 AA 18pt ²	Ratio: 3.69 AA 18pt ²	Ratio: 3.12 AA 18pt ²		Ratio: 1.76 Failed ⁵	Ratio: 2.84 Failed ⁵
Hex(00BCBF)	Ratio: 2.13 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.76 Failed ⁵		Ratio: 5.01 AA ¹ AAA 18pt ⁴
Hex(003F40)	Ratio: 10.67 Passed ⁶	Ratio: 10.48 Passed ⁶	Ratio: 8.89 Passed ⁶	Ratio: 2.84 Failed ⁵	Ratio: 5.01 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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