

Converting Colors - WCAG Matrix

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

Hex(00C5C7) Hex(B3FEFF) Hex(00C700) Hex(527F80) Hex(000000) Hex(808080)

	Hex(00C5C7)	Hex(B3FEFF)	Hex(00C700)	Hex(527F80)	Hex(000000)	Hex(808080)
Hex(00C5C7)		Ratio: 1.89 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 9.81 Passed ⁶	Ratio: 1.85 Failed ⁵
Hex(B3FEFF)	Ratio: 1.89 Failed ⁵		Ratio: 2.02 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 18.54 Passed ⁶	Ratio: 3.49 AA 18pt ²
Hex(00C700)	Ratio: 1.07 Failed ⁵	Ratio: 2.02 Failed ⁵		Ratio: 1.95 Failed ⁵	Ratio: 9.17 Passed ⁶	Ratio: 1.72 Failed ⁵
Hex(527F80)	Ratio: 2.08 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 1.95 Failed ⁵		Ratio: 4.71 AA ¹ AAA 18pt ⁴	Ratio: 1.13 Failed ⁵
Hex(000000)	Ratio: 9.81 Passed ⁶	Ratio: 18.54 Passed ⁶	Ratio: 9.17 Passed ⁶	Ratio: 4.71 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.85 Failed ⁵	Ratio: 3.49 AA 18pt ²	Ratio: 1.72 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 5.32 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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