

Converting Colors - WCAG Matrix

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

Hex(00C5A1) Hex(B3FFF1) Hex(24C500) Hex(528077) Hex(000000) Hex(808080)

	Hex(00C5A1)	Hex(B3FFF1)	Hex(24C500)	Hex(528077)	Hex(000000)	Hex(808080)
Hex(00C5A1)		Ratio: 1.95 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 9.50 Passed ⁶	Ratio: 1.79 Failed ⁵
Hex(B3FFF1)	Ratio: 1.95 Failed ⁵		Ratio: 2.04 Failed ⁵	Ratio: 3.92 AA 18pt ²	Ratio: 18.49 Passed ⁶	Ratio: 3.48 AA 18pt ²
Hex(24C500)	Ratio: 1.05 Failed ⁵	Ratio: 2.04 Failed ⁵		Ratio: 1.92 Failed ⁵	Ratio: 9.06 Passed ⁶	Ratio: 1.70 Failed ⁵
Hex(528077)	Ratio: 2.02 Failed ⁵	Ratio: 3.92 AA 18pt ²	Ratio: 1.92 Failed ⁵		Ratio: 4.71 AA ¹ AAA 18pt ⁴	Ratio: 1.13 Failed ⁵
Hex(000000)	Ratio: 9.50 Passed ⁶	Ratio: 18.49 Passed ⁶	Ratio: 9.06 Passed ⁶	Ratio: 4.71 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.79 Failed ⁵	Ratio: 3.48 AA 18pt ²	Ratio: 1.70 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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