

Converting Colors - WCAG Matrix

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

Hex(29B8CF) Hex(C2F7FF) Hex(29CF3F) Hex(5B7A80) Hex(000000) Hex(808080)

	Hex(29B8CF)	Hex(C2F7FF)	Hex(29CF3F)	Hex(5B7A80)	Hex(000000)	Hex(808080)
Hex(29B8CF)		Ratio: 2.04 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 8.85 Passed ⁶	Ratio: 1.66 Failed ⁵
Hex(C2F7FF)	Ratio: 2.04 Failed ⁵		Ratio: 1.79 Failed ⁵	Ratio: 3.97 AA 18pt ²	Ratio: 18.04 Passed ⁶	Ratio: 3.39 AA 18pt ²
Hex(29CF3F)	Ratio: 1.14 Failed ⁵	Ratio: 1.79 Failed ⁵		Ratio: 2.22 Failed ⁵	Ratio: 10.09 Passed ⁶	Ratio: 1.90 Failed ⁵
Hex(5B7A80)	Ratio: 1.95 Failed ⁵	Ratio: 3.97 AA 18pt ²	Ratio: 2.22 Failed ⁵		Ratio: 4.54 AA ¹ AAA 18pt ⁴	Ratio: 1.17 Failed ⁵
Hex(000000)	Ratio: 8.85 Passed ⁶	Ratio: 18.04 Passed ⁶	Ratio: 10.09 Passed ⁶	Ratio: 4.54 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.66 Failed ⁵	Ratio: 3.39 AA 18pt ²	Ratio: 1.90 Failed ⁵	Ratio: 1.17 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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