

Converting Colors - WCAG Matrix

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

Hex(4BCDF7) Hex(C9F2FF) Hex(4BF773) Hex(607880) Hex(000000) Hex(808080)

	Hex(4BCDF7)	Hex(C9F2FF)	Hex(4BF773)	Hex(607880)	Hex(000000)	Hex(808080)
Hex(4BCDF7)		Ratio: 1.55 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 11.37 Passed ⁶	Ratio: 2.14 Failed ⁵
Hex(C9F2FF)	Ratio: 1.55 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 3.92 AA 18pt ²	Ratio: 17.63 Passed ⁶	Ratio: 3.32 AA 18pt ²
Hex(4BF773)	Ratio: 1.31 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 3.30 AA 18pt ²	Ratio: 14.85 Passed ⁶	Ratio: 2.79 Failed ⁵
Hex(607880)	Ratio: 2.53 Failed ⁵	Ratio: 3.92 AA 18pt ²	Ratio: 3.30 AA 18pt ²		Ratio: 4.50 AA ¹ AAA 18pt ⁴	Ratio: 1.18 Failed ⁵
Hex(000000)	Ratio: 11.37 Passed ⁶	Ratio: 17.63 Passed ⁶	Ratio: 14.85 Passed ⁶	Ratio: 4.50 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.14 Failed ⁵	Ratio: 3.32 AA 18pt ²	Ratio: 2.79 Failed ⁵	Ratio: 1.18 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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