

Converting Colors - WCAG Matrix

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

Hex(4C99CF) Hex(CFEBFF) Hex(4CCF80) Hex(627380) Hex(000000) Hex(808080)

	Hex(4C99CF)	Hex(CFEBFF)	Hex(4CCF80)	Hex(627380)	Hex(000000)	Hex(808080)
Hex(4C99CF)		Ratio: 2.51 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 6.76 AA ¹ AAA 18pt ⁴	Ratio: 1.27 Failed ⁵
Hex(CFEBFF)	Ratio: 2.51 Failed ⁵		Ratio: 1.61 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 16.98 Passed ⁶	Ratio: 3.19 AA 18pt ²
Hex(4CCF80)	Ratio: 1.56 Failed ⁵	Ratio: 1.61 Failed ⁵		Ratio: 2.46 Failed ⁵	Ratio: 10.54 Passed ⁶	Ratio: 1.98 Failed ⁵
Hex(627380)	Ratio: 1.58 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 2.46 Failed ⁵		Ratio: 4.28 AA 18pt ²	Ratio: 1.24 Failed ⁵
Hex(000000)	Ratio: 6.76 AA ¹ AAA 18pt ⁴	Ratio: 16.98 Passed ⁶	Ratio: 10.54 Passed ⁶	Ratio: 4.28 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.27 Failed ⁵	Ratio: 3.19 AA 18pt ²	Ratio: 1.98 Failed ⁵	Ratio: 1.24 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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