

Converting Colors - WCAG Matrix

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

Hex(59A0CF) Hex(D4EEFF) Hex(59CF86) Hex(667580) Hex(000000) Hex(808080)

	Hex(59A0CF)	Hex(D4EEFF)	Hex(59CF86)	Hex(667580)	Hex(000000)	Hex(808080)
Hex(59A0CF)		Ratio: 2.38 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 7.35 Passed ⁶	Ratio: 1.38 Failed ⁵
Hex(D4EEFF)	Ratio: 2.38 Failed ⁵		Ratio: 1.63 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 17.47 Passed ⁶	Ratio: 3.29 AA 18pt ²
Hex(59CF86)	Ratio: 1.45 Failed ⁵	Ratio: 1.63 Failed ⁵		Ratio: 2.42 Failed ⁵	Ratio: 10.69 Passed ⁶	Ratio: 2.01 Failed ⁵
Hex(667580)	Ratio: 1.66 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 2.42 Failed ⁵		Ratio: 4.42 AA 18pt ²	Ratio: 1.20 Failed ⁵
Hex(000000)	Ratio: 7.35 Passed ⁶	Ratio: 17.47 Passed ⁶	Ratio: 10.69 Passed ⁶	Ratio: 4.42 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.38 Failed ⁵	Ratio: 3.29 AA 18pt ²	Ratio: 2.01 Failed ⁵	Ratio: 1.20 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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