

Converting Colors - WCAG Matrix

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

Hex(3972CD) Hex(C7DDFF) Hex(39CD92) Hex(5E6B80) Hex(000000) Hex(808080)

	Hex(3972CD)	Hex(C7DDFF)	Hex(39CD92)	Hex(5E6B80)	Hex(000000)	Hex(808080)
Hex(3972CD)		Ratio: 3.41 AA 18pt ²	Ratio: 2.31 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 4.46 AA 18pt ²	Ratio: 1.19 Failed ⁵
Hex(C7DDFF)	Ratio: 3.41 AA 18pt ²		Ratio: 1.47 Failed ⁵	Ratio: 3.91 AA 18pt ²	Ratio: 15.21 Passed ⁶	Ratio: 2.86 Failed ⁵
Hex(39CD92)	Ratio: 2.31 Failed ⁵	Ratio: 1.47 Failed ⁵		Ratio: 2.65 Failed ⁵	Ratio: 10.32 Passed ⁶	Ratio: 1.94 Failed ⁵
Hex(5E6B80)	Ratio: 1.15 Failed ⁵	Ratio: 3.91 AA 18pt ²	Ratio: 2.65 Failed ⁵		Ratio: 3.89 AA 18pt ²	Ratio: 1.37 Failed ⁵
Hex(000000)	Ratio: 4.46 AA 18pt ²	Ratio: 15.21 Passed ⁶	Ratio: 10.32 Passed ⁶	Ratio: 3.89 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.19 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.37 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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