

Converting Colors - WCAG Matrix

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

Hex(39A0C6) Hex(C9F1FF) Hex(39C65F) Hex(607780) Hex(000000) Hex(808080)

	Hex(39A0C6)	Hex(C9F1FF)	Hex(39C65F)	Hex(607780)	Hex(000000)	Hex(808080)
Hex(39A0C6)		Ratio: 2.50 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 7.02 Passed ⁶	Ratio: 1.32 Failed ⁵
Hex(C9F1FF)	Ratio: 2.50 Failed ⁵		Ratio: 1.86 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 17.51 Passed ⁶	Ratio: 3.29 AA 18pt ²
Hex(39C65F)	Ratio: 1.34 Failed ⁵	Ratio: 1.86 Failed ⁵		Ratio: 2.12 Failed ⁵	Ratio: 9.42 Passed ⁶	Ratio: 1.77 Failed ⁵
Hex(607780)	Ratio: 1.58 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 2.12 Failed ⁵		Ratio: 4.45 AA 18pt ²	Ratio: 1.20 Failed ⁵
Hex(000000)	Ratio: 7.02 Passed ⁶	Ratio: 17.51 Passed ⁶	Ratio: 9.42 Passed ⁶	Ratio: 4.45 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.32 Failed ⁵	Ratio: 3.29 AA 18pt ²	Ratio: 1.77 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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