

Converting Colors - WCAG Matrix

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

Hex(469FFF) Hex(C7E2FF) Hex(46FFA6) Hex(5E6E80) Hex(000000) Hex(808080)

	Hex(469FFF)	Hex(C7E2FF)	Hex(46FFA6)	Hex(5E6E80)	Hex(000000)	Hex(808080)
Hex(469FFF)		Ratio: 2.06 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 7.66 Passed ⁶	Ratio: 1.44 Failed ⁵
Hex(C7E2FF)	Ratio: 2.06 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 3.92 AA 18pt ²	Ratio: 15.75 Passed ⁶	Ratio: 2.96 Failed ⁵
Hex(46FFA6)	Ratio: 2.10 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 4.01 AA 18pt ²	Ratio: 16.12 Passed ⁶	Ratio: 3.03 AA 18pt ²
Hex(5E6E80)	Ratio: 1.91 Failed ⁵	Ratio: 3.92 AA 18pt ²	Ratio: 4.01 AA 18pt ²		Ratio: 4.02 AA 18pt ²	Ratio: 1.32 Failed ⁵
Hex(000000)	Ratio: 7.66 Passed ⁶	Ratio: 15.75 Passed ⁶	Ratio: 16.12 Passed ⁶	Ratio: 4.02 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.44 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 3.03 AA 18pt ²	Ratio: 1.32 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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