

Converting Colors - WCAG Matrix

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

Hex(9CB2FC) Hex(E3E9FF) Hex(9CFCE6) Hex(6F7380) Hex(000000) Hex(808080)

	Hex(9CB2FC)	Hex(E3E9FF)	Hex(9CFCE6)	Hex(6F7380)	Hex(000000)	Hex(808080)
Hex(9CB2FC)		Ratio: 1.70 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 10.19 Passed ⁶	Ratio: 1.92 Failed ⁵
Hex(E3E9FF)	Ratio: 1.70 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 3.91 AA 18pt ²	Ratio: 17.37 Passed ⁶	Ratio: 3.27 AA 18pt ²
Hex(9CFCE6)	Ratio: 1.72 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 3.94 AA 18pt ²	Ratio: 17.48 Passed ⁶	Ratio: 3.29 AA 18pt ²
Hex(6F7380)	Ratio: 2.29 Failed ⁵	Ratio: 3.91 AA 18pt ²	Ratio: 3.94 AA 18pt ²		Ratio: 4.44 AA 18pt ²	Ratio: 1.20 Failed ⁵
Hex(000000)	Ratio: 10.19 Passed ⁶	Ratio: 17.37 Passed ⁶	Ratio: 17.48 Passed ⁶	Ratio: 4.44 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.92 Failed ⁵	Ratio: 3.27 AA 18pt ²	Ratio: 3.29 AA 18pt ²	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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