

Converting Colors - WCAG Matrix

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

Hex(3392FF) Hex(C2DEFF) Hex(33FFA0) Hex(5B6C80) Hex(000000) Hex(808080)

	Hex(3392FF)	Hex(C2DEFF)	Hex(33FFA0)	Hex(5B6C80)	Hex(000000)	Hex(808080)
Hex(3392FF)		Ratio: 2.27 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 6.70 AA ¹ AAA 18pt ⁴	Ratio: 1.26 Failed ⁵
Hex(C2DEFF)	Ratio: 2.27 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 3.89 AA 18pt ²	Ratio: 15.19 Passed ⁶	Ratio: 2.86 Failed ⁵
Hex(33FFA0)	Ratio: 2.38 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 4.09 AA 18pt ²	Ratio: 15.95 Passed ⁶	Ratio: 3.00 AA 18pt ²
Hex(5B6C80)	Ratio: 1.72 Failed ⁵	Ratio: 3.89 AA 18pt ²	Ratio: 4.09 AA 18pt ²		Ratio: 3.90 AA 18pt ²	Ratio: 1.36 Failed ⁵
Hex(000000)	Ratio: 6.70 AA ¹ AAA 18pt ⁴	Ratio: 15.19 Passed ⁶	Ratio: 15.95 Passed ⁶	Ratio: 3.90 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.26 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 3.00 AA 18pt ²	Ratio: 1.36 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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