

Converting Colors - WCAG Matrix

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

Hex(9581FF) Hex(DFD9FF) Hex(81ECFF) Hex(6C6980) Hex(000000) Hex(808080)

	Hex(9581FF)	Hex(DFD9FF)	Hex(81ECFF)	Hex(6C6980)	Hex(000000)	Hex(808080)
Hex(9581FF)		Ratio: 2.26 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 6.86 AA ¹ AAA 18pt ⁴	Ratio: 1.29 Failed ⁵
Hex(DFD9FF)	Ratio: 2.26 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 3.91 AA 18pt ²	Ratio: 15.51 Passed ⁶	Ratio: 2.92 Failed ⁵
Hex(81ECFF)	Ratio: 2.24 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 3.87 AA 18pt ²	Ratio: 15.38 Passed ⁶	Ratio: 2.89 Failed ⁵
Hex(6C6980)	Ratio: 1.73 Failed ⁵	Ratio: 3.91 AA 18pt ²	Ratio: 3.87 AA 18pt ²		Ratio: 3.97 AA 18pt ²	Ratio: 1.34 Failed ⁵
Hex(000000)	Ratio: 6.86 AA ¹ AAA 18pt ⁴	Ratio: 15.51 Passed ⁶	Ratio: 15.38 Passed ⁶	Ratio: 3.97 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.29 Failed ⁵	Ratio: 2.92 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 1.34 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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