

Converting Colors - WCAG Matrix

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

Hex(94D2FF) Hex(DEF1FF) Hex(94FFC1) Hex(6B7780) Hex(000000) Hex(808080)

	Hex(94D2FF)	Hex(DEF1FF)	Hex(94FFC1)	Hex(6B7780)	Hex(000000)	Hex(808080)
Hex(94D2FF)		Ratio: 1.40 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 12.92 Passed ⁶	Ratio: 2.43 Failed ⁵
Hex(DEF1FF)	Ratio: 1.40 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 18.13 Passed ⁶	Ratio: 3.41 AA 18pt ²
Hex(94FFC1)	Ratio: 1.34 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 3.79 AA 18pt ²	Ratio: 17.33 Passed ⁶	Ratio: 3.26 AA 18pt ²
Hex(6B7780)	Ratio: 2.82 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 3.79 AA 18pt ²		Ratio: 4.58 AA ¹ AAA 18pt ⁴	Ratio: 1.16 Failed ⁵
Hex(000000)	Ratio: 12.92 Passed ⁶	Ratio: 18.13 Passed ⁶	Ratio: 17.33 Passed ⁶	Ratio: 4.58 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.43 Failed ⁵	Ratio: 3.41 AA 18pt ²	Ratio: 3.26 AA 18pt ²	Ratio: 1.16 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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