

Converting Colors - WCAG Matrix

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

Hex(A9D6FF) Hex(E6F3FF) Hex(A9FFD1) Hex(707880) Hex(000000) Hex(808080)

	Hex(A9D6FF)	Hex(E6F3FF)	Hex(A9FFD1)	Hex(707880)	Hex(000000)	Hex(808080)
Hex(A9D6FF)		Ratio: 1.35 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 13.75 Passed ⁶	Ratio: 2.59 Failed ⁵
Hex(E6F3FF)	Ratio: 1.35 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 3.97 AA 18pt ²	Ratio: 18.63 Passed ⁶	Ratio: 3.50 AA 18pt ²
Hex(A9FFD1)	Ratio: 1.30 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 3.82 AA 18pt ²	Ratio: 17.91 Passed ⁶	Ratio: 3.37 AA 18pt ²
Hex(707880)	Ratio: 2.93 Failed ⁵	Ratio: 3.97 AA 18pt ²	Ratio: 3.82 AA 18pt ²		Ratio: 4.69 AA ¹ AAA 18pt ⁴	Ratio: 1.13 Failed ⁵
Hex(000000)	Ratio: 13.75 Passed ⁶	Ratio: 18.63 Passed ⁶	Ratio: 17.91 Passed ⁶	Ratio: 4.69 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.59 Failed ⁵	Ratio: 3.50 AA 18pt ²	Ratio: 3.37 AA 18pt ²	Ratio: 1.13 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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