

Converting Colors - WCAG Matrix

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

Hex(A8E3FF) Hex(E6F7FF) Hex(A8FFC4) Hex(707B80) Hex(000000) Hex(808080)

	Hex(A8E3FF)	Hex(E6F7FF)	Hex(A8FFC4)	Hex(707B80)	Hex(000000)	Hex(808080)
Hex(A8E3FF)		Ratio: 1.27 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 3.12 AA 18pt ²	Ratio: 15.10 Passed ⁶	Ratio: 2.84 Failed ⁵
Hex(E6F7FF)	Ratio: 1.27 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 19.11 Passed ⁶	Ratio: 3.59 AA 18pt ²
Hex(A8FFC4)	Ratio: 1.18 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 3.68 AA 18pt ²	Ratio: 17.77 Passed ⁶	Ratio: 3.34 AA 18pt ²
Hex(707B80)	Ratio: 3.12 AA 18pt ²	Ratio: 3.95 AA 18pt ²	Ratio: 3.68 AA 18pt ²		Ratio: 4.83 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵
Hex(000000)	Ratio: 15.10 Passed ⁶	Ratio: 19.11 Passed ⁶	Ratio: 17.77 Passed ⁶	Ratio: 4.83 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.84 Failed ⁵	Ratio: 3.59 AA 18pt ²	Ratio: 3.34 AA 18pt ²	Ratio: 1.10 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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