

Converting Colors - WCAG Matrix

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

Hex(A6C9FF) Hex(E3EEFF) Hex(A6FFDB) Hex(6F7680) Hex(000000) Hex(808080)

	Hex(A6C9FF)	Hex(E3EEFF)	Hex(A6FFDB)	Hex(6F7680)	Hex(000000)	Hex(808080)
Hex(A6C9FF)		Ratio: 1.44 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 12.42 Passed ⁶	Ratio: 2.34 Failed ⁵
Hex(E3EEFF)	Ratio: 1.44 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 3.92 AA 18pt ²	Ratio: 17.94 Passed ⁶	Ratio: 3.37 AA 18pt ²
Hex(A6FFDB)	Ratio: 1.45 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 3.92 AA 18pt ²	Ratio: 17.95 Passed ⁶	Ratio: 3.38 AA 18pt ²
Hex(6F7680)	Ratio: 2.71 Failed ⁵	Ratio: 3.92 AA 18pt ²	Ratio: 3.92 AA 18pt ²		Ratio: 4.58 AA ¹ AAA 18pt ⁴	Ratio: 1.16 Failed ⁵
Hex(000000)	Ratio: 12.42 Passed ⁶	Ratio: 17.94 Passed ⁶	Ratio: 17.95 Passed ⁶	Ratio: 4.58 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.34 Failed ⁵	Ratio: 3.37 AA 18pt ²	Ratio: 3.38 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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