

Converting Colors - WCAG Matrix

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

Hex(ACC8D5) Hex(F0FAFF) Hex(ACD5B9) Hex(777D80) Hex(000000) Hex(808080)

	Hex(ACC8D5)	Hex(F0FAFF)	Hex(ACD5B9)	Hex(777D80)	Hex(000000)	Hex(808080)
Hex(ACC8D5)		Ratio: 1.66 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 11.98 Passed ⁶	Ratio: 2.25 Failed ⁵
Hex(F0FAFF)	Ratio: 1.66 Failed ⁵		Ratio: 1.53 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 19.82 Passed ⁶	Ratio: 3.73 AA 18pt ²
Hex(ACD5B9)	Ratio: 1.08 Failed ⁵	Ratio: 1.53 Failed ⁵		Ratio: 2.58 Failed ⁵	Ratio: 12.97 Passed ⁶	Ratio: 2.44 Failed ⁵
Hex(777D80)	Ratio: 2.38 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 2.58 Failed ⁵		Ratio: 5.03 AA ¹ AAA 18pt ⁴	Ratio: 1.06 Failed ⁵
Hex(000000)	Ratio: 11.98 Passed ⁶	Ratio: 19.82 Passed ⁶	Ratio: 12.97 Passed ⁶	Ratio: 5.03 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.25 Failed ⁵	Ratio: 3.73 AA 18pt ²	Ratio: 2.44 Failed ⁵	Ratio: 1.06 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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