

Converting Colors - WCAG Matrix

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

Hex(ADD8E9) Hex(EBF9FF) Hex(ADE9BE) Hex(737C80) Hex(000000) Hex(808080)

	Hex(ADD8E9)	Hex(EBF9FF)	Hex(ADE9BE)	Hex(737C80)	Hex(000000)	Hex(808080)
Hex(ADD8E9)		Ratio: 1.42 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 13.78 Passed ⁶	Ratio: 2.59 Failed ⁵
Hex(EBF9FF)	Ratio: 1.42 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 3.97 AA 18pt ²	Ratio: 19.53 Passed ⁶	Ratio: 3.67 AA 18pt ²
Hex(ADE9BE)	Ratio: 1.10 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 3.08 AA 18pt ²	Ratio: 15.18 Passed ⁶	Ratio: 2.85 Failed ⁵
Hex(737C80)	Ratio: 2.80 Failed ⁵	Ratio: 3.97 AA 18pt ²	Ratio: 3.08 AA 18pt ²		Ratio: 4.92 AA ¹ AAA 18pt ⁴	Ratio: 1.08 Failed ⁵
Hex(000000)	Ratio: 13.78 Passed ⁶	Ratio: 19.53 Passed ⁶	Ratio: 15.18 Passed ⁶	Ratio: 4.92 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.59 Failed ⁵	Ratio: 3.67 AA 18pt ²	Ratio: 2.85 Failed ⁵	Ratio: 1.08 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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