

Converting Colors - WCAG Matrix

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

Hex(BAC7FF) Hex(EBEDFF) Hex(BAFFF2) Hex(737580) Hex(000000) Hex(808080)

	Hex(BAC7FF)	Hex(EBEDFF)	Hex(BAFFF2)	Hex(737580)	Hex(000000)	Hex(808080)
Hex(BAC7FF)		Ratio: 1.42 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 12.70 Passed ⁶	Ratio: 2.39 Failed ⁵
Hex(EBEDFF)	Ratio: 1.42 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 18.09 Passed ⁶	Ratio: 3.40 AA 18pt ²
Hex(BAFFF2)	Ratio: 1.47 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 4.07 AA 18pt ²	Ratio: 18.67 Passed ⁶	Ratio: 3.51 AA 18pt ²
Hex(737580)	Ratio: 2.77 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 4.07 AA 18pt ²		Ratio: 4.59 AA ¹ AAA 18pt ⁴	Ratio: 1.16 Failed ⁵
Hex(000000)	Ratio: 12.70 Passed ⁶	Ratio: 18.09 Passed ⁶	Ratio: 18.67 Passed ⁶	Ratio: 4.59 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.39 Failed ⁵	Ratio: 3.40 AA 18pt ²	Ratio: 3.51 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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