

Converting Colors - WCAG Matrix

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

Hex(B0CAF4) Hex(EBF3FF) Hex(B0F4D9) Hex(737880) Hex(000000) Hex(808080)

	Hex(B0CAF4)	Hex(EBF3FF)	Hex(B0F4D9)	Hex(737880)	Hex(000000)	Hex(808080)
Hex(B0CAF4)		Ratio: 1.49 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 12.60 Passed ⁶	Ratio: 2.37 Failed ⁵
Hex(EBF3FF)	Ratio: 1.49 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 3.98 AA 18pt ²	Ratio: 18.80 Passed ⁶	Ratio: 3.54 AA 18pt ²
Hex(B0F4D9)	Ratio: 1.33 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 3.55 AA 18pt ²	Ratio: 16.79 Passed ⁶	Ratio: 3.16 AA 18pt ²
Hex(737880)	Ratio: 2.67 Failed ⁵	Ratio: 3.98 AA 18pt ²	Ratio: 3.55 AA 18pt ²		Ratio: 4.73 AA ¹ AAA 18pt ⁴	Ratio: 1.12 Failed ⁵
Hex(000000)	Ratio: 12.60 Passed ⁶	Ratio: 18.80 Passed ⁶	Ratio: 16.79 Passed ⁶	Ratio: 4.73 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.37 Failed ⁵	Ratio: 3.54 AA 18pt ²	Ratio: 3.16 AA 18pt ²	Ratio: 1.12 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

Failed 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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