

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(B7C8FF) Hex(EBEFFF) Hex(B7FFED) Hex(737680) Hex(000000) Hex(808080)

	Hex(B7C8FF)	Hex(EBEFFF)	Hex(B7FFED)	Hex(737680)	Hex(000000)	Hex(808080)
Hex(B7C8FF)		Ratio: 1.44 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 12.72 Passed ⁶	Ratio: 2.39 Failed ⁵
Hex(EBEFFF)	Ratio: 1.44 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 18.32 Passed ⁶	Ratio: 3.45 AA 18pt ²
Hex(B7FFED)	Ratio: 1.46 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 4.00 AA 18pt ²	Ratio: 18.54 Passed ⁶	Ratio: 3.49 AA 18pt ²
Hex(737680)	Ratio: 2.75 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 4.00 AA 18pt ²		Ratio: 4.63 AA ¹ AAA 18pt ⁴	Ratio: 1.15 Failed ⁵
Hex(000000)	Ratio: 12.72 Passed ⁶	Ratio: 18.32 Passed ⁶	Ratio: 18.54 Passed ⁶	Ratio: 4.63 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.39 Failed ⁵	Ratio: 3.45 AA 18pt ²	Ratio: 3.49 AA 18pt ²	Ratio: 1.15 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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