

Converting Colors - WCAG Matrix

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

Hex(BDFDFF) Hex(EBFEFF) Hex(BDFFBE) Hex(737F80) Hex(000000) Hex(808080)

	Hex(BDFDFF)	Hex(EBFEFF)	Hex(BDFFBE)	Hex(737F80)	Hex(000000)	Hex(808080)
Hex(BDFDFF)		Ratio: 1.08 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 3.68 AA 18pt ²	Ratio: 18.66 Passed ⁶	Ratio: 3.51 AA 18pt ²
Hex(EBFEFF)	Ratio: 1.08 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 3.97 AA 18pt ²	Ratio: 20.15 Passed ⁶	Ratio: 3.79 AA 18pt ²
Hex(BDFFBE)	Ratio: 1.02 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 3.59 AA 18pt ²	Ratio: 18.21 Passed ⁶	Ratio: 3.42 AA 18pt ²
Hex(737F80)	Ratio: 3.68 AA 18pt ²	Ratio: 3.97 AA 18pt ²	Ratio: 3.59 AA 18pt ²		Ratio: 5.08 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(000000)	Ratio: 18.66 Passed ⁶	Ratio: 20.15 Passed ⁶	Ratio: 18.21 Passed ⁶	Ratio: 5.08 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 3.51 AA 18pt ²	Ratio: 3.79 AA 18pt ²	Ratio: 3.42 AA 18pt ²	Ratio: 1.05 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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