

Converting Colors - WCAG Matrix

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

Hex(B8D1EF) Hex(EDF5FF) Hex(B8EFD6) Hex(757A80) Hex(000000) Hex(808080)

	Hex(B8D1EF)	Hex(EDF5FF)	Hex(B8EFD6)	Hex(757A80)	Hex(000000)	Hex(808080)
Hex(B8D1EF)		Ratio: 1.43 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 13.40 Passed ⁶	Ratio: 2.52 Failed ⁵
Hex(EDF5FF)	Ratio: 1.43 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 19.11 Passed ⁶	Ratio: 3.59 AA 18pt ²
Hex(B8EFD6)	Ratio: 1.22 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 3.37 AA 18pt ²	Ratio: 16.36 Passed ⁶	Ratio: 3.08 AA 18pt ²
Hex(757A80)	Ratio: 2.76 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 3.37 AA 18pt ²		Ratio: 4.85 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵
Hex(000000)	Ratio: 13.40 Passed ⁶	Ratio: 19.11 Passed ⁶	Ratio: 16.36 Passed ⁶	Ratio: 4.85 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.52 Failed ⁵	Ratio: 3.59 AA 18pt ²	Ratio: 3.08 AA 18pt ²	Ratio: 1.10 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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