

Converting Colors - WCAG Matrix

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

Hex(B2B2FF) Hex(E8E8FF) Hex(B2FFFF) Hex(717180) Hex(000000) Hex(808080)

	Hex(B2B2FF)	Hex(E8E8FF)	Hex(B2FFFF)	Hex(717180)	Hex(000000)	Hex(808080)
Hex(B2B2FF)		Ratio: 1.63 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 10.71 Passed ⁶	Ratio: 2.01 Failed ⁵
Hex(E8E8FF)	Ratio: 1.63 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 3.98 AA 18pt ²	Ratio: 17.42 Passed ⁶	Ratio: 3.28 AA 18pt ²
Hex(B2FFFF)	Ratio: 1.74 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 4.26 AA 18pt ²	Ratio: 18.64 Passed ⁶	Ratio: 3.51 AA 18pt ²
Hex(717180)	Ratio: 2.45 Failed ⁵	Ratio: 3.98 AA 18pt ²	Ratio: 4.26 AA 18pt ²		Ratio: 4.38 AA 18pt ²	Ratio: 1.22 Failed ⁵
Hex(000000)	Ratio: 10.71 Passed ⁶	Ratio: 17.42 Passed ⁶	Ratio: 18.64 Passed ⁶	Ratio: 4.38 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.01 Failed ⁵	Ratio: 3.28 AA 18pt ²	Ratio: 3.51 AA 18pt ²	Ratio: 1.22 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.

This PDF was generated on convertingcolors.com.