

Converting Colors - WCAG Matrix

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

Hex(B9C2F3) Hex(EDF0FF) Hex(B9F3E9) Hex(757780) Hex(000000) Hex(808080)

	Hex(B9C2F3)	Hex(EDF0FF)	Hex(B9F3E9)	Hex(757780)	Hex(000000)	Hex(808080)
Hex(B9C2F3)		Ratio: 1.53 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 12.07 Passed ⁶	Ratio: 2.27 Failed ⁵
Hex(EDF0FF)	Ratio: 1.53 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 18.51 Passed ⁶	Ratio: 3.48 AA 18pt ²
Hex(B9F3E9)	Ratio: 1.41 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 3.62 AA 18pt ²	Ratio: 17.06 Passed ⁶	Ratio: 3.21 AA 18pt ²
Hex(757780)	Ratio: 2.57 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 3.62 AA 18pt ²		Ratio: 4.71 AA ¹ AAA 18pt ⁴	Ratio: 1.13 Failed ⁵
Hex(000000)	Ratio: 12.07 Passed ⁶	Ratio: 18.51 Passed ⁶	Ratio: 17.06 Passed ⁶	Ratio: 4.71 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.27 Failed ⁵	Ratio: 3.48 AA 18pt ²	Ratio: 3.21 AA 18pt ²	Ratio: 1.13 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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