

Converting Colors - WCAG Matrix

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

	Hex(B0E2F6)	Hex(A8E6FF)	Hex(B0C0F6)	Hex(6E777A)	Hex(0086BA)	Hex(002A3B)
Hex(B0E2F6)		Ratio: 1.02 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 3.29 AA 18pt ²	Ratio: 2.94 Failed ⁵	Ratio: 10.80 Passed ⁶
Hex(A8E6FF)	Ratio: 1.02 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 3.37 AA 18pt ²	Ratio: 3.01 AA 18pt ²	Ratio: 11.06 Passed ⁶
Hex(B0C0F6)	Ratio: 1.28 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 2.56 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 8.40 Passed ⁶
Hex(6E777A)	Ratio: 3.29 AA 18pt ²	Ratio: 3.37 AA 18pt ²	Ratio: 2.56 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 3.29 AA 18pt ²
Hex(0086BA)	Ratio: 2.94 Failed ⁵	Ratio: 3.01 AA 18pt ²	Ratio: 2.29 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 3.67 AA 18pt ²
Hex(002A3B)	Ratio: 10.80 Passed ⁶	Ratio: 11.06 Passed ⁶	Ratio: 8.40 Passed ⁶	Ratio: 3.29 AA 18pt ²	Ratio: 3.67 AA 18pt ²	

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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