

Converting Colors - WCAG Matrix

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

Hex(BAD2E9) Hex(C2E1FF) Hex(BABBE9) Hex(6A7075) Hex(005CB5) Hex(001B36)

Hex(BAD2E9)		Ratio: 1.15 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 3.22 AA 18pt ²	Ratio: 4.22 AA 18pt ²	Ratio: 11.14 Passed ⁶
Hex(C2E1FF)	Ratio: 1.15 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 3.70 AA 18pt ²	Ratio: 4.85 AA ¹ AAA 18pt ⁴	Ratio: 12.82 Passed ⁶
Hex(BABBE9)	Ratio: 1.19 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 2.72 Failed ⁵	Ratio: 3.56 AA 18pt ²	Ratio: 9.40 Passed ⁶
Hex(6A7075)	Ratio: 3.22 AA 18pt ²	Ratio: 3.70 AA 18pt ²	Ratio: 2.72 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 3.46 AA 18pt ²
Hex(005CB5)	Ratio: 4.22 AA 18pt ²	Ratio: 4.85 AA ¹ AAA 18pt ⁴	Ratio: 3.56 AA 18pt ²	Ratio: 1.31 Failed ⁵		Ratio: 2.64 Failed ⁵
Hex(001B36)	Ratio: 11.14 Passed ⁶	Ratio: 12.82 Passed ⁶	Ratio: 9.40 Passed ⁶	Ratio: 3.46 AA 18pt ²	Ratio: 2.64 Failed ⁵	

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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