

Converting Colors - WCAG Matrix

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

Hex(BAC9CC) Hex(E3FAFF) Hex(BAC0CC) Hex(5C6466) Hex(008AA6) Hex(002026)

	Hex(BAC9CC)	Hex(E3FAFF)	Hex(BAC0CC)	Hex(5C6466)	Hex(008AA6)	Hex(002026)
Hex(BAC9CC)		Ratio: 1.57 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 3.55 AA 18pt ²	Ratio: 2.37 Failed ⁵	Ratio: 9.97 Passed ⁶
Hex(E3FAFF)	Ratio: 1.57 Failed ⁵		Ratio: 1.69 Failed ⁵	Ratio: 5.59 AA ¹ AAA 18pt ⁴	Ratio: 3.74 AA 18pt ²	Ratio: 15.70 Passed ⁶
Hex(BAC0CC)	Ratio: 1.07 Failed ⁵	Ratio: 1.69 Failed ⁵		Ratio: 3.31 AA 18pt ²	Ratio: 2.22 Failed ⁵	Ratio: 9.31 Passed ⁶
Hex(5C6466)	Ratio: 3.55 AA 18pt ²	Ratio: 5.59 AA ¹ AAA 18pt ⁴	Ratio: 3.31 AA 18pt ²		Ratio: 1.49 Failed ⁵	Ratio: 2.81 Failed ⁵
Hex(008AA6)	Ratio: 2.37 Failed ⁵	Ratio: 3.74 AA 18pt ²	Ratio: 2.22 Failed ⁵	Ratio: 1.49 Failed ⁵		Ratio: 4.20 AA 18pt ²
Hex(002026)	Ratio: 9.97 Passed ⁶	Ratio: 15.70 Passed ⁶	Ratio: 9.31 Passed ⁶	Ratio: 2.81 Failed ⁵	Ratio: 4.20 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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