

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(BCC2C5) Hex(F2FBFF) Hex(BCBEC5) Hex(5D6163) Hex(006DA3) Hex(001824)

Hex(BCC2C5)		Ratio: 1.72 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 3.48 AA 18pt ²	Ratio: 3.14 AA 18pt ²	Ratio: 10.09 Passed ⁶
Hex(F2FBFF)	Ratio: 1.72 Failed ⁵		Ratio: 1.77 Failed ⁵	Ratio: 5.97 AA ¹ AAA 18pt ⁴	Ratio: 5.39 AA ¹ AAA 18pt ⁴	Ratio: 17.31 Passed ⁶
Hex(BCBEC5)	Ratio: 1.03 Failed ⁵	Ratio: 1.77 Failed ⁵		Ratio: 3.37 AA 18pt ²	Ratio: 3.04 AA 18pt ²	Ratio: 9.78 Passed ⁶
Hex(5D6163)	Ratio: 3.48 AA 18pt ²	Ratio: 5.97 AA ¹ AAA 18pt ⁴	Ratio: 3.37 AA 18pt ²		Ratio: 1.11 Failed ⁵	Ratio: 2.90 Failed ⁵
Hex(006DA3)	Ratio: 3.14 AA 18pt ²	Ratio: 5.39 AA ¹ AAA 18pt ⁴	Ratio: 3.04 AA 18pt ²	Ratio: 1.11 Failed ⁵		Ratio: 3.21 AA 18pt ²
Hex(001824)	Ratio: 10.09 Passed ⁶	Ratio: 17.31 Passed ⁶	Ratio: 9.78 Passed ⁶	Ratio: 2.90 Failed ⁵	Ratio: 3.21 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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