

Converting Colors - WCAG Matrix

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

Hex(BACDEB) Hex(BFD8FF) Hex(BFBAEB) Hex(6A6E75) Hex(0046B5) Hex(001536)

	Hex(BACDEB)	Hex(BFD8FF)	Hex(BFBAEB)	Hex(6A6E75)	Hex(0046B5)	Hex(001536)
Hex(BACDEB)		Ratio: 1.11 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 3.18 AA 18pt ²	Ratio: 5.12 AA ¹ AAA 18pt ⁴	Ratio: 11.22 Passed ⁶
Hex(BFD8FF)	Ratio: 1.11 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 3.53 AA 18pt ²	Ratio: 5.69 AA ¹ AAA 18pt ⁴	Ratio: 12.48 Passed ⁶
Hex(BFBAEB)	Ratio: 1.14 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 2.79 Failed ⁵	Ratio: 4.50 AA ¹ AAA 18pt ⁴	Ratio: 9.86 Passed ⁶
Hex(6A6E75)	Ratio: 3.18 AA 18pt ²	Ratio: 3.53 AA 18pt ²	Ratio: 2.79 Failed ⁵		Ratio: 1.61 Failed ⁵	Ratio: 3.53 AA 18pt ²
Hex(0046B5)	Ratio: 5.12 AA ¹ AAA 18pt ⁴	Ratio: 5.69 AA ¹ AAA 18pt ⁴	Ratio: 4.50 AA ¹ AAA 18pt ⁴	Ratio: 1.61 Failed ⁵		Ratio: 2.19 Failed ⁵
Hex(001536)	Ratio: 11.22 Passed ⁶	Ratio: 12.48 Passed ⁶	Ratio: 9.86 Passed ⁶	Ratio: 3.53 AA 18pt ²	Ratio: 2.19 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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