

Converting Colors - WCAG Matrix

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

Hex(B6C8CF) Hex(DBF5FF) Hex(B6BCCF) Hex(5E6669) Hex(0079A8) Hex(001D29)

	Hex(B6C8CF)	Hex(DBF5FF)	Hex(B6BCCF)	Hex(5E6669)	Hex(0079A8)	Hex(001D29)
Hex(B6C8CF)		Ratio: 1.52 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 3.39 AA 18pt ²	Ratio: 2.83 Failed ⁵	Ratio: 10.06 Passed ⁶
Hex(DBF5FF)	Ratio: 1.52 Failed ⁵		Ratio: 1.67 Failed ⁵	Ratio: 5.17 AA ¹ AAA 18pt ⁴	Ratio: 4.31 AA 18pt ²	Ratio: 15.33 Passed ⁶
Hex(B6BCCF)	Ratio: 1.10 Failed ⁵	Ratio: 1.67 Failed ⁵		Ratio: 3.10 AA 18pt ²	Ratio: 2.58 Failed ⁵	Ratio: 9.18 Passed ⁶
Hex(5E6669)	Ratio: 3.39 AA 18pt ²	Ratio: 5.17 AA ¹ AAA 18pt ⁴	Ratio: 3.10 AA 18pt ²		Ratio: 1.20 Failed ⁵	Ratio: 2.96 Failed ⁵
Hex(0079A8)	Ratio: 2.83 Failed ⁵	Ratio: 4.31 AA 18pt ²	Ratio: 2.58 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 3.56 AA 18pt ²
Hex(001D29)	Ratio: 10.06 Passed ⁶	Ratio: 15.33 Passed ⁶	Ratio: 9.18 Passed ⁶	Ratio: 2.96 Failed ⁵	Ratio: 3.56 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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