

Converting Colors - WCAG Matrix

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

Hex(B4D7EF) Hex(B3E0FF) Hex(B4BAEF) Hex(6C7378) Hex(006DB8) Hex(002138)

	Hex(B4D7EF)	Hex(B3E0FF)	Hex(B4BAEF)	Hex(6C7378)	Hex(006DB8)	Hex(002138)
Hex(B4D7EF)		Ratio: 1.08 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 3.19 AA 18pt ²	Ratio: 3.58 AA 18pt ²	Ratio: 10.91 Passed ⁶
Hex(B3E0FF)	Ratio: 1.08 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 3.44 AA 18pt ²	Ratio: 3.87 AA 18pt ²	Ratio: 11.79 Passed ⁶
Hex(B4BAEF)	Ratio: 1.24 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 2.57 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 8.80 Passed ⁶
Hex(6C7378)	Ratio: 3.19 AA 18pt ²	Ratio: 3.44 AA 18pt ²	Ratio: 2.57 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 3.42 AA 18pt ²
Hex(006DB8)	Ratio: 3.58 AA 18pt ²	Ratio: 3.87 AA 18pt ²	Ratio: 2.89 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 3.04 AA 18pt ²
Hex(002138)	Ratio: 10.91 Passed ⁶	Ratio: 11.79 Passed ⁶	Ratio: 8.80 Passed ⁶	Ratio: 3.42 AA 18pt ²	Ratio: 3.04 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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