

Converting Colors - WCAG Matrix

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

Hex(A3D1EE) Hex(9EDAFF) Hex(A3ACEE) Hex(6C7378) Hex(0071B8) Hex(002238)

	Hex(A3D1EE)	Hex(9EDAFF)	Hex(A3ACEE)	Hex(6C7378)	Hex(0071B8)	Hex(002238)
Hex(A3D1EE)		Ratio: 1.08 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 3.18 AA 18pt ²	Ratio: 10.04 Passed ⁶
Hex(9EDAFF)	Ratio: 1.08 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 3.19 AA 18pt ²	Ratio: 3.44 AA 18pt ²	Ratio: 10.83 Passed ⁶
Hex(A3ACEE)	Ratio: 1.33 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 2.22 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 7.54 Passed ⁶
Hex(6C7378)	Ratio: 2.96 Failed ⁵	Ratio: 3.19 AA 18pt ²	Ratio: 2.22 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 3.39 AA 18pt ²
Hex(0071B8)	Ratio: 3.18 AA 18pt ²	Ratio: 3.44 AA 18pt ²	Ratio: 2.39 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 3.15 AA 18pt ²
Hex(002238)	Ratio: 10.04 Passed ⁶	Ratio: 10.83 Passed ⁶	Ratio: 7.54 Passed ⁶	Ratio: 3.39 AA 18pt ²	Ratio: 3.15 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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