

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(9EC3D3) Hex(B3E8FF) Hex(9EA9D3) Hex(5E6569) Hex(0075A8) Hex(001C29)

	Hex(9EC3D3)	Hex(B3E8FF)	Hex(9EA9D3)	Hex(5E6569)	Hex(0075A8)	Hex(001C29)
Hex(9EC3D3)		Ratio: 1.42 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 3.16 AA 18pt ²	Ratio: 2.73 Failed ⁵	Ratio: 9.35 Passed ⁶
Hex(B3E8FF)	Ratio: 1.42 Failed ⁵		Ratio: 1.75 Failed ⁵	Ratio: 4.49 AA 18pt ²	Ratio: 3.87 AA 18pt ²	Ratio: 13.27 Passed ⁶
Hex(9EA9D3)	Ratio: 1.23 Failed ⁵	Ratio: 1.75 Failed ⁵		Ratio: 2.56 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 7.57 Passed ⁶
Hex(5E6569)	Ratio: 3.16 AA 18pt ²	Ratio: 4.49 AA 18pt ²	Ratio: 2.56 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 2.96 Failed ⁵
Hex(0075A8)	Ratio: 2.73 Failed ⁵	Ratio: 3.87 AA 18pt ²	Ratio: 2.21 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 3.43 AA 18pt ²
Hex(001C29)	Ratio: 9.35 Passed ⁶	Ratio: 13.27 Passed ⁶	Ratio: 7.57 Passed ⁶	Ratio: 2.96 Failed ⁵	Ratio: 3.43 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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