Converting Colors - WCAG Matrix

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

	Hex(A1B8C7)	Hex(C4E8FF)	Hex(A1A6C7)	Hex(595E63)	Hex(0061A3)	Hex(001424)
Hex(A1B8C7)		Ratio: 1.60 Failed [5]	Ratio: 1.16 Failed [5]	Ratio: 3.18 AA 18pt [2]	Ratio: 3.15 AA 18pt [2]	Ratio: 9.06 Passed [6]
Hex(C4E8FF)	Ratio: 1.60 Failed [5]		Ratio: 1.86 Failed [5]	Ratio: 5.09 AA [1] AAA 18pt [4]	Ratio: 5.04 AA [1] AAA 18pt [4]	Ratio: 14.51 Passed [6]
Hex(A1A6C7)	Ratio: 1.16 Failed [5]	Ratio: 1.86 Failed [5]		Ratio: 2.74 Failed [5]	Ratio: 2.72 Failed [5]	Ratio: 7.81 Passed [6]
Hex(595E63)	Ratio: 3.18 AA 18pt [2]	Ratio: 5.09 AA [1] AAA 18pt [4]	Ratio: 2.74 Failed [5]		Ratio: 1.01 Failed [5]	Ratio: 2.85 Failed [5]
Hex(0061A3)	Ratio: 3.15 AA 18pt [2]	Ratio: 5.04 AA [1] AAA 18pt [4]	Ratio: 2.72 Failed [5]	Ratio: 1.01 Failed [5]		Ratio: 2.88 Failed [5]
Hex(001424)	Ratio: 9.06 Passed [6]	Ratio: 14.51 Passed [6]	Ratio: 7.81 Passed [6]	Ratio: 2.85 Failed [5]	Ratio: 2.88 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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