

Converting Colors - WCAG Matrix

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

Hex(E9F5F7) Hex(EDFCFF) Hex(E9EEF7) Hex(71797A) Hex(00A0BA) Hex(00323B)

	Hex(E9F5F7)	Hex(EDFCFF)	Hex(E9EEF7)	Hex(71797A)	Hex(00A0BA)	Hex(00323B)
Hex(E9F5F7)		Ratio: 1.06 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 4.00 AA 18pt ²	Ratio: 2.80 Failed ⁵	Ratio: 12.42 Passed ⁶
Hex(EDFCFF)	Ratio: 1.06 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 4.23 AA 18pt ²	Ratio: 2.96 Failed ⁵	Ratio: 13.14 Passed ⁶
Hex(E9EEF7)	Ratio: 1.05 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 3.82 AA 18pt ²	Ratio: 2.68 Failed ⁵	Ratio: 11.87 Passed ⁶
Hex(71797A)	Ratio: 4.00 AA 18pt ²	Ratio: 4.23 AA 18pt ²	Ratio: 3.82 AA 18pt ²		Ratio: 1.43 Failed ⁵	Ratio: 3.11 AA 18pt ²
Hex(00A0BA)	Ratio: 2.80 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 4.43 AA 18pt ²
Hex(00323B)	Ratio: 12.42 Passed ⁶	Ratio: 13.14 Passed ⁶	Ratio: 11.87 Passed ⁶	Ratio: 3.11 AA 18pt ²	Ratio: 4.43 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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