

Converting Colors - WCAG Matrix

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

Hex(F4FDFF) Hex(F2FDFF) Hex(F4F8FF) Hex(787E80) Hex(009CBF) Hex(003440)

	Hex(F4FDFF)	Hex(F2FDFF)	Hex(F4F8FF)	Hex(787E80)	Hex(009CBF)	Hex(003440)
Hex(F4FDFF)		Ratio: 1.00 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 3.99 AA 18pt ²	Ratio: 3.13 AA 18pt ²	Ratio: 13.00 Passed ⁶
Hex(F2FDFF)	Ratio: 1.00 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 3.98 AA 18pt ²	Ratio: 3.11 AA 18pt ²	Ratio: 12.95 Passed ⁶
Hex(F4F8FF)	Ratio: 1.03 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 3.87 AA 18pt ²	Ratio: 3.03 AA 18pt ²	Ratio: 12.60 Passed ⁶
Hex(787E80)	Ratio: 3.99 AA 18pt ²	Ratio: 3.98 AA 18pt ²	Ratio: 3.87 AA 18pt ²		Ratio: 1.28 Failed ⁵	Ratio: 3.25 AA 18pt ²
Hex(009CBF)	Ratio: 3.13 AA 18pt ²	Ratio: 3.11 AA 18pt ²	Ratio: 3.03 AA 18pt ²	Ratio: 1.28 Failed ⁵		Ratio: 4.16 AA 18pt ²
Hex(003440)	Ratio: 13.00 Passed ⁶	Ratio: 12.95 Passed ⁶	Ratio: 12.60 Passed ⁶	Ratio: 3.25 AA 18pt ²	Ratio: 4.16 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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