

Converting Colors - WCAG Matrix

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

Hex(FAFFFF) Hex(FAFCFF) Hex(7D7F80) Hex(00B6BF) Hex(003D40)

	Hex(FAFFFF)	Hex(FAFCFF)	Hex(7D7F80)	Hex(00B6BF)	Hex(003D40)
Hex(FAFFFF)		Ratio: 1.02 Failed ⁵	Ratio: 3.99 AA 18pt ²	Ratio: 2.46 Failed ⁵	Ratio: 11.95 Passed ⁶
Hex(FAFCFF)	Ratio: 1.02 Failed ⁵		Ratio: 3.91 AA 18pt ²	Ratio: 2.42 Failed ⁵	Ratio: 11.73 Passed ⁶
Hex(7D7F80)	Ratio: 3.99 AA 18pt ²	Ratio: 3.91 AA 18pt ²		Ratio: 1.62 Failed ⁵	Ratio: 3.00 AA 18pt ²
Hex(00B6BF)	Ratio: 2.46 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 1.62 Failed ⁵		Ratio: 4.85 AA ¹ AAA 18pt ⁴
Hex(003D40)	Ratio: 11.95 Passed ⁶	Ratio: 11.73 Passed ⁶	Ratio: 3.00 AA 18pt ²	Ratio: 4.85 AA ¹ AAA 18pt ⁴	

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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