

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(AFD4D6) Hex(C7FDFF) Hex(AFC1D6) Hex(606B6B) Hex(00A4AB) Hex(002A2B)

Hex(AFD4D6)		Ratio: 1.43 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 3.46 AA 18pt ²	Ratio: 1.92 Failed ⁵	Ratio: 9.67 Passed ⁶
Hex(C7FDFF)	Ratio: 1.43 Failed ⁵		Ratio: 1.66 Failed ⁵	Ratio: 4.96 AA ¹ AAA 18pt ⁴	Ratio: 2.74 Failed ⁵	Ratio: 13.85 Passed ⁶
Hex(AFC1D6)	Ratio: 1.16 Failed ⁵	Ratio: 1.66 Failed ⁵		Ratio: 3.00 AA 18pt ²	Ratio: 1.66 Failed ⁵	Ratio: 8.36 Passed ⁶
Hex(606B6B)	Ratio: 3.46 AA 18pt ²	Ratio: 4.96 AA ¹ AAA 18pt ⁴	Ratio: 3.00 AA 18pt ²		Ratio: 1.81 Failed ⁵	Ratio: 2.79 Failed ⁵
Hex(00A4AB)	Ratio: 1.92 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.81 Failed ⁵		Ratio: 5.05 AA ¹ AAA 18pt ⁴
Hex(002A2B)	Ratio: 9.67 Passed ⁶	Ratio: 13.85 Passed ⁶	Ratio: 8.36 Passed ⁶	Ratio: 2.79 Failed ⁵	Ratio: 5.05 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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