

Converting Colors - WCAG Matrix

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

Hex(C4CCCC) Hex(F2FFFF) Hex(C4C8CC) Hex(606666) Hex(00A6A6) Hex(002626)

Hex(C4CCCC)		Ratio: 1.60 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 3.58 AA 18pt ²	Ratio: 1.84 Failed ⁵	Ratio: 9.85 Passed ⁶
Hex(F2FFFF)	Ratio: 1.60 Failed ⁵		Ratio: 1.64 Failed ⁵	Ratio: 5.72 AA ¹ AAA 18pt ⁴	Ratio: 2.93 Failed ⁵	Ratio: 15.72 Passed ⁶
Hex(C4C8CC)	Ratio: 1.03 Failed ⁵	Ratio: 1.64 Failed ⁵		Ratio: 3.48 AA 18pt ²	Ratio: 1.78 Failed ⁵	Ratio: 9.56 Passed ⁶
Hex(606666)	Ratio: 3.58 AA 18pt ²	Ratio: 5.72 AA ¹ AAA 18pt ⁴	Ratio: 3.48 AA 18pt ²		Ratio: 1.95 Failed ⁵	Ratio: 2.75 Failed ⁵
Hex(00A6A6)	Ratio: 1.84 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.95 Failed ⁵		Ratio: 5.37 AA ¹ AAA 18pt ⁴
Hex(002626)	Ratio: 9.85 Passed ⁶	Ratio: 15.72 Passed ⁶	Ratio: 9.56 Passed ⁶	Ratio: 2.75 Failed ⁵	Ratio: 5.37 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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