

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(4FADB5) Hex(4ADEEB) Hex(4F7AB5) Hex(545C5C) Hex(008F9C) Hex(001A1C)

Hex(4FADB5)		Ratio: 1.62 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 6.85 AA ¹ AAA 18pt ⁴
Hex(4ADEEB)	Ratio: 1.62 Failed ⁵		Ratio: 2.70 Failed ⁵	Ratio: 4.23 AA 18pt ²	Ratio: 2.39 Failed ⁵	Ratio: 11.11 Passed ⁶
Hex(4F7AB5)	Ratio: 1.67 Failed ⁵	Ratio: 2.70 Failed ⁵		Ratio: 1.56 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 4.11 AA 18pt ²
Hex(545C5C)	Ratio: 2.60 Failed ⁵	Ratio: 4.23 AA 18pt ²	Ratio: 1.56 Failed ⁵		Ratio: 1.77 Failed ⁵	Ratio: 2.63 Failed ⁵
Hex(008F9C)	Ratio: 1.47 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.77 Failed ⁵		Ratio: 4.64 AA ¹ AAA 18pt ⁴
Hex(001A1C)	Ratio: 6.85 AA ¹ AAA 18pt ⁴	Ratio: 11.11 Passed ⁶	Ratio: 4.11 AA 18pt ²	Ratio: 2.63 Failed ⁵	Ratio: 4.64 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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