

Converting Colors - WCAG Matrix

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

Hex(4FABBD) Hex(4AD9F5) Hex(4F75BD) Hex(545C5E) Hex(00859E) Hex(001A1F)

	Hex(4FABBD)	Hex(4AD9F5)	Hex(4F75BD)	Hex(545C5E)	Hex(00859E)	Hex(001A1F)
Hex(4FABBD)		Ratio: 1.59 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 6.76 AA ¹ AAA 18pt ⁴
Hex(4AD9F5)	Ratio: 1.59 Failed ⁵		Ratio: 2.72 Failed ⁵	Ratio: 4.08 AA 18pt ²	Ratio: 2.59 Failed ⁵	Ratio: 10.74 Passed ⁶
Hex(4F75BD)	Ratio: 1.71 Failed ⁵	Ratio: 2.72 Failed ⁵		Ratio: 1.50 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 3.95 AA 18pt ²
Hex(545C5E)	Ratio: 2.57 Failed ⁵	Ratio: 4.08 AA 18pt ²	Ratio: 1.50 Failed ⁵		Ratio: 1.58 Failed ⁵	Ratio: 2.63 Failed ⁵
Hex(00859E)	Ratio: 1.63 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.58 Failed ⁵		Ratio: 4.15 AA 18pt ²
Hex(001A1F)	Ratio: 6.76 AA ¹ AAA 18pt ⁴	Ratio: 10.74 Passed ⁶	Ratio: 3.95 AA 18pt ²	Ratio: 2.63 Failed ⁵	Ratio: 4.15 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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