

Converting Colors - WCAG Matrix

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

Hex(686C6E) Hex(858B8F) Hex(68696E) Hex(343638) Hex(004A78) Hex(0099F7)

Hex(686C6E)		Ratio: 1.54 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 1.76 Failed ⁵
Hex(858B8F)	Ratio: 1.54 Failed ⁵		Ratio: 1.59 Failed ⁵	Ratio: 3.52 AA 18pt ²	Ratio: 2.70 Failed ⁵
Hex(68696E)	Ratio: 1.03 Failed ⁵	Ratio: 1.59 Failed ⁵		Ratio: 2.22 Failed ⁵	Ratio: 1.70 Failed ⁵
Hex(343638)	Ratio: 2.29 Failed ⁵	Ratio: 3.52 AA 18pt ²	Ratio: 2.22 Failed ⁵		Ratio: 1.30 Failed ⁵
Hex(004A78)	Ratio: 1.76 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.30 Failed ⁵	
Hex(0099F7)	Ratio: 1.74 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 3.99 AA 18pt ²	Ratio: 3.07 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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