

Converting Colors - WCAG Matrix

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

Hex(496373) Hex(547D96) Hex(494F73) Hex(35383B) Hex(004C7A) Hex(009BFA)

	Hex(496373)	Hex(547D96)	Hex(494F73)	Hex(35383B)	Hex(004C7A)	Hex(009BFA)
Hex(496373)		Ratio: 1.43 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 2.13 Failed ⁵
Hex(547D96)	Ratio: 1.43 Failed ⁵		Ratio: 1.79 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.49 Failed ⁵
Hex(494F73)	Ratio: 1.25 Failed ⁵	Ratio: 1.79 Failed ⁵		Ratio: 1.49 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 2.67 Failed ⁵
Hex(35383B)	Ratio: 1.86 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 1.49 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 3.97 AA 18pt ²
Hex(004C7A)	Ratio: 1.43 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 3.05 AA 18pt ²
Hex(009BFA)	Ratio: 2.13 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 3.97 AA 18pt ²	Ratio: 3.05 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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