

Converting Colors - WCAG Matrix

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

Hex(004699) Hex(00307F) Hex(001C65) Hex(00014D) Hex(000000)

	Hex(004699)	Hex(00307F)	Hex(001C65)	Hex(00014D)	Hex(000000)
Hex(004699)		Ratio: 1.35 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 2.34 Failed ⁵
Hex(00307F)	Ratio: 1.35 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.73 Failed ⁵
Hex(001C65)	Ratio: 1.73 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.35 Failed ⁵
Hex(00014D)	Ratio: 2.10 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.11 Failed ⁵
Hex(000000)	Ratio: 2.34 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.11 Failed ⁵	

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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