

Converting Colors - WCAG Matrix

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

Hex(004D99) Hex(00377F) Hex(002265) Hex(000C4D) Hex(000000)

	Hex(004D99)	Hex(00377F)	Hex(002265)	Hex(000C4D)	Hex(000000)
Hex(004D99)		Ratio: 1.36 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 2.52 Failed ⁵
Hex(00377F)	Ratio: 1.36 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.85 Failed ⁵
Hex(002265)	Ratio: 1.78 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.42 Failed ⁵
Hex(000C4D)	Ratio: 2.17 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.16 Failed ⁵
Hex(000000)	Ratio: 2.52 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.16 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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