

Converting Colors - WCAG Matrix

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

Hex(004E76) Hex(00375D) Hex(002245) Hex(00042F) Hex(000119) Hex(000000)

	Hex(004E76)	Hex(00375D)	Hex(002245)	Hex(00042F)	Hex(000119)	Hex(000000)
Hex(004E76)		Ratio: 1.38 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 2.35 Failed ⁵
Hex(00375D)	Ratio: 1.38 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.70 Failed ⁵
Hex(002245)	Ratio: 1.79 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.31 Failed ⁵
Hex(00042F)	Ratio: 2.22 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.06 Failed ⁵
Hex(000119)	Ratio: 2.31 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(000000)	Ratio: 2.35 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.02 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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