

Converting Colors - WCAG Matrix

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

	Hex(005B7F)	Hex(004566)	Hex(002E4E)	Hex(001937)	Hex(000221)	Hex(000006)	Hex(000000)
Hex(005B7F)		Ratio: 1.37 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 2.80 Failed ⁵
Hex(004566)	Ratio: 1.37 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.04 Failed ⁵
Hex(002E4E)	Ratio: 1.87 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.50 Failed ⁵
Hex(001937)	Ratio: 2.35 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.19 Failed ⁵
Hex(000221)	Ratio: 2.72 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(000006)	Ratio: 2.80 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.00 Failed ⁵
Hex(000000)	Ratio: 2.80 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.00 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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