

Converting Colors - WCAG Matrix

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

	Hex(005583)	Hex(003E6A)	Hex(002852)	Hex(00143A)	Hex(000224)	Hex(00000C)	Hex(000000)
Hex(005583)		Ratio: 1.38 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 2.63 Failed ⁵
Hex(003E6A)	Ratio: 1.38 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.90 Failed ⁵
Hex(002852)	Ratio: 1.84 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.43 Failed ⁵
Hex(00143A)	Ratio: 2.26 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.16 Failed ⁵
Hex(000224)	Ratio: 2.54 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(00000C)	Ratio: 2.61 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(000000)	Ratio: 2.63 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.01 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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