

Converting Colors - WCAG Matrix

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

	Hex(005A82)	Hex(004369)	Hex(002D50)	Hex(001939)	Hex(000223)	Hex(00000B)	Hex(000000)
Hex(005A82)		Ratio: 1.39 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 2.78 Failed ⁵
Hex(004369)	Ratio: 1.39 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.01 Failed ⁵
Hex(002D50)	Ratio: 1.87 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.49 Failed ⁵
Hex(001939)	Ratio: 2.32 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.20 Failed ⁵
Hex(000223)	Ratio: 2.70 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(00000B)	Ratio: 2.77 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.00 Failed ⁵
Hex(000000)	Ratio: 2.78 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.20 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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