

Converting Colors - WCAG Matrix

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

Hex(00437D) Hex(0058A3) Hex(00067D) Hex(393D40) Hex(004580) Hex(000000)

	Hex(00437D)	Hex(0058A3)	Hex(00067D)	Hex(393D40)	Hex(004580)	Hex(000000)
Hex(00437D)		Ratio: 1.39 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 2.10 Failed ⁵
Hex(0058A3)	Ratio: 1.39 Failed ⁵		Ratio: 2.21 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 2.92 Failed ⁵
Hex(00067D)	Ratio: 1.59 Failed ⁵	Ratio: 2.21 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.32 Failed ⁵
Hex(393D40)	Ratio: 1.10 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.92 Failed ⁵
Hex(004580)	Ratio: 1.03 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 2.16 Failed ⁵
Hex(000000)	Ratio: 2.10 Failed ⁵	Ratio: 2.92 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.16 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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