

Converting Colors - WCAG Matrix

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

Hex(003680) Hex(0047A6) Hex(090080) Hex(393C40) Hex(000000)

	Hex(003680)	Hex(0047A6)	Hex(090080)	Hex(393C40)	Hex(000000)
Hex(003680)		Ratio: 1.33 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.84 Failed ⁵
Hex(0047A6)	Ratio: 1.33 Failed ⁵		Ratio: 1.85 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 2.45 Failed ⁵
Hex(090080)	Ratio: 1.39 Failed ⁵	Ratio: 1.85 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 1.32 Failed ⁵
Hex(393C40)	Ratio: 1.03 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.89 Failed ⁵
Hex(000000)	Ratio: 1.84 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.89 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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