

Converting Colors - WCAG Matrix

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

Hex(00477A) Hex(003161) Hex(001D49) Hex(000432) Hex(00021C) Hex(000000)

	Hex(00477A)	Hex(003161)	Hex(001D49)	Hex(000432)	Hex(00021C)	Hex(000000)
Hex(00477A)		Ratio: 1.35 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 2.18 Failed ⁵
Hex(003161)	Ratio: 1.35 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.61 Failed ⁵
Hex(001D49)	Ratio: 1.72 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.27 Failed ⁵
Hex(000432)	Ratio: 2.05 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.06 Failed ⁵
Hex(00021C)	Ratio: 2.13 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.03 Failed ⁵
Hex(000000)	Ratio: 2.18 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.03 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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