

Converting Colors - WCAG Matrix

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

	Hex(1A468F)	Hex(003075)	Hex(001C5C)	Hex(000044)	Hex(00032D)	Hex(000117)	Hex(000000)
Hex(1A468F)		Ratio: 1.38 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 2.32 Failed ⁵
Hex(003075)	Ratio: 1.38 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.68 Failed ⁵
Hex(001C5C)	Ratio: 1.75 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.32 Failed ⁵
Hex(000044)	Ratio: 2.14 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.08 Failed ⁵
Hex(00032D)	Ratio: 2.20 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.05 Failed ⁵
Hex(000117)	Ratio: 2.28 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(000000)	Ratio: 2.32 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.02 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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