

Converting Colors - WCAG Matrix

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

Hex(114187) Hex(0048B0) Hex(1B1187) Hex(3C3E42) Hex(003582) Hex(000103)

Hex(114187)		Ratio: 1.20 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.16 Failed ⁵
Hex(0048B0)	Ratio: 1.20 Failed ⁵		Ratio: 1.73 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.39 Failed ⁵
Hex(1B1187)	Ratio: 1.44 Failed ⁵	Ratio: 1.73 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.24 Failed ⁵
Hex(3C3E42)	Ratio: 1.09 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.07 Failed ⁵
Hex(003582)	Ratio: 1.16 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.07 Failed ⁵	
Hex(000103)	Ratio: 2.12 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.82 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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