

Converting Colors - WCAG Matrix

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

Hex(346A8F) Hex(2B80BA) Hex(343D8F) Hex(404447) Hex(005087) Hex(000508)

	Hex(346A8F)	Hex(2B80BA)	Hex(343D8F)	Hex(404447)	Hex(005087)	Hex(000508)
Hex(346A8F)		Ratio: 1.36 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 3.52 AA 18pt ²
Hex(2B80BA)	Ratio: 1.36 Failed ⁵		Ratio: 2.22 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 4.78 AA ¹ AAA 18pt ⁴
Hex(343D8F)	Ratio: 1.63 Failed ⁵	Ratio: 2.22 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 2.16 Failed ⁵
Hex(404447)	Ratio: 1.69 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 2.08 Failed ⁵
Hex(005087)	Ratio: 1.44 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 2.44 Failed ⁵
Hex(000508)	Ratio: 3.52 AA 18pt ²	Ratio: 4.78 AA ¹ AAA 18pt ⁴	Ratio: 2.16 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.44 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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