

Converting Colors - WCAG Matrix

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

Hex(346E91) Hex(2B86BD) Hex(344091) Hex(404547) Hex(005487) Hex(000508)

Hex(346E91)		Ratio: 1.39 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 3.69 AA 18pt ²
Hex(2B86BD)	Ratio: 1.39 Failed ⁵		Ratio: 2.29 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 5.12 AA ¹ AAA 18pt ⁴
Hex(344091)	Ratio: 1.65 Failed ⁵	Ratio: 2.29 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 2.23 Failed ⁵
Hex(404547)	Ratio: 1.75 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 2.11 Failed ⁵
Hex(005487)	Ratio: 1.45 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 2.55 Failed ⁵
Hex(000508)	Ratio: 3.69 AA 18pt ²	Ratio: 5.12 AA ¹ AAA 18pt ⁴	Ratio: 2.23 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 2.55 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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