

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(7A6694) Hex(9778BF) Hex(916694) Hex(46434A) Hex(3C008A) Hex(04000A)

Hex(7A6694)		Ratio: 1.38 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 4.12 AA 18pt ²
Hex(9778BF)	Ratio: 1.38 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 3.69 AA 18pt ²	Ratio: 5.70 AA ¹ AAA 18pt ⁴
Hex(916694)	Ratio: 1.09 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 2.10 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 4.49 AA 18pt ²
Hex(46434A)	Ratio: 1.92 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 2.10 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 2.14 Failed ⁵
Hex(3C008A)	Ratio: 2.67 Failed ⁵	Ratio: 3.69 AA 18pt ²	Ratio: 2.91 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.54 Failed ⁵
Hex(04000A)	Ratio: 4.12 AA 18pt ²	Ratio: 5.70 AA ¹ AAA 18pt ⁴	Ratio: 4.49 AA 18pt ²	Ratio: 2.14 Failed ⁵	Ratio: 1.54 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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