

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(757D8A) Hex(929FB3) Hex(77758A) Hex(3E4145) Hex(003385) Hex(000205)

Hex(757D8A)		Ratio: 1.55 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 5.00 AA ¹ AAA 18pt ⁴
Hex(929FB3)	Ratio: 1.55 Failed ⁵		Ratio: 1.67 Failed ⁵	Ratio: 3.83 AA 18pt ²	Ratio: 4.32 AA 18pt ²	Ratio: 7.75 Passed ⁶
Hex(77758A)	Ratio: 1.08 Failed ⁵	Ratio: 1.67 Failed ⁵		Ratio: 2.29 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 4.65 AA ¹ AAA 18pt ⁴
Hex(3E4145)	Ratio: 2.47 Failed ⁵	Ratio: 3.83 AA 18pt ²	Ratio: 2.29 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 2.02 Failed ⁵
Hex(003385)	Ratio: 2.79 Failed ⁵	Ratio: 4.32 AA 18pt ²	Ratio: 2.59 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.79 Failed ⁵
Hex(000205)	Ratio: 5.00 AA ¹ AAA 18pt ⁴	Ratio: 7.75 Passed ⁶	Ratio: 4.65 AA ¹ AAA 18pt ⁴	Ratio: 2.02 Failed ⁵	Ratio: 1.79 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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