

Converting Colors - WCAG Matrix

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

Hex(5B70BC) Hex(5D7CF5) Hex(765BBC) Hex(55585E) Hex(00229E) Hex(00071F)

	Hex(5B70BC)	Hex(5D7CF5)	Hex(765BBC)	Hex(55585E)	Hex(00229E)	Hex(00071F)
Hex(5B70BC)		Ratio: 1.26 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 4.27 AA 18pt ²
Hex(5D7CF5)	Ratio: 1.26 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 3.29 AA 18pt ²	Ratio: 5.40 AA ¹ AAA 18pt ⁴
Hex(765BBC)	Ratio: 1.12 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 3.80 AA 18pt ²
Hex(55585E)	Ratio: 1.52 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.71 Failed ⁵	Ratio: 2.80 Failed ⁵
Hex(00229E)	Ratio: 2.61 Failed ⁵	Ratio: 3.29 AA 18pt ²	Ratio: 2.32 Failed ⁵	Ratio: 1.71 Failed ⁵		Ratio: 1.64 Failed ⁵
Hex(00071F)	Ratio: 4.27 AA 18pt ²	Ratio: 5.40 AA ¹ AAA 18pt ⁴	Ratio: 3.80 AA 18pt ²	Ratio: 2.80 Failed ⁵	Ratio: 1.64 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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