

Converting Colors - WCAG Matrix

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

Hex(687BB7) Hex(728FED) Hex(7C68B7) Hex(53555C) Hex(00259C) Hex(00071C)

	Hex(687BB7)	Hex(728FED)	Hex(7C68B7)	Hex(53555C)	Hex(00259C)	Hex(00071C)
Hex(687BB7)		Ratio: 1.35 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 4.88 AA ¹ AAA 18pt ⁴
Hex(728FED)	Ratio: 1.35 Failed ⁵		Ratio: 1.52 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 6.56 AA ¹ AAA 18pt ⁴
Hex(7C68B7)	Ratio: 1.13 Failed ⁵	Ratio: 1.52 Failed ⁵		Ratio: 1.60 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 4.32 AA 18pt ²
Hex(53555C)	Ratio: 1.81 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 1.60 Failed ⁵		Ratio: 1.62 Failed ⁵	Ratio: 2.69 Failed ⁵
Hex(00259C)	Ratio: 2.93 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 2.59 Failed ⁵	Ratio: 1.62 Failed ⁵		Ratio: 1.67 Failed ⁵
Hex(00071C)	Ratio: 4.88 AA ¹ AAA 18pt ⁴	Ratio: 6.56 AA ¹ AAA 18pt ⁴	Ratio: 4.32 AA 18pt ²	Ratio: 2.69 Failed ⁵	Ratio: 1.67 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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