

Converting Colors - WCAG Matrix

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

Hex(5843BF) Hex(5736F7) Hex(9643BF) Hex(57555E) Hex(1B009E) Hex(05001F)

	Hex(5843BF)	Hex(5736F7)	Hex(9643BF)	Hex(57555E)	Hex(1B009E)	Hex(05001F)
Hex(5843BF)		Ratio: 1.10 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.89 Failed ⁵
Hex(5736F7)	Ratio: 1.10 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 3.19 AA 18pt ²
Hex(9643BF)	Ratio: 1.30 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 3.75 AA 18pt ²
Hex(57555E)	Ratio: 1.04 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.86 Failed ⁵	Ratio: 2.79 Failed ⁵
Hex(1B009E)	Ratio: 1.93 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 1.86 Failed ⁵		Ratio: 1.50 Failed ⁵
Hex(05001F)	Ratio: 2.89 Failed ⁵	Ratio: 3.19 AA 18pt ²	Ratio: 3.75 AA 18pt ²	Ratio: 2.79 Failed ⁵	Ratio: 1.50 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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