

Converting Colors - WCAG Matrix

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

Hex(5F5870) Hex(776C91) Hex(6B5870) Hex(343238) Hex(230078) Hex(4800F7)

Hex(5F5870)		Ratio: 1.39 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.32 Failed ⁵
Hex(776C91)	Ratio: 1.39 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 3.23 AA 18pt ²
Hex(6B5870)	Ratio: 1.04 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.96 Failed ⁵	Ratio: 2.42 Failed ⁵
Hex(343238)	Ratio: 1.88 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 1.96 Failed ⁵		Ratio: 1.24 Failed ⁵
Hex(230078)	Ratio: 2.32 Failed ⁵	Ratio: 3.23 AA 18pt ²	Ratio: 2.42 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.95 Failed ⁵
Hex(4800F7)	Ratio: 1.19 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.95 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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