

Converting Colors - WCAG Matrix

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

Hex(A472C5) Hex(CB7DFF) Hex(C572BD) Hex(5F5A63) Hex(6200A3) Hex(160024)

	Hex(A472C5)	Hex(CB7DFF)	Hex(C572BD)	Hex(5F5A63)	Hex(6200A3)	Hex(160024)
Hex(A472C5)		Ratio: 1.37 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 5.47 AA ¹ AAA 18pt ⁴
Hex(CB7DFF)	Ratio: 1.37 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 3.87 AA 18pt ²	Ratio: 7.47 Passed ⁶
Hex(C572BD)	Ratio: 1.13 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 2.08 Failed ⁵	Ratio: 3.18 AA 18pt ²	Ratio: 6.15 AA ¹ AAA 18pt ⁴
Hex(5F5A63)	Ratio: 1.85 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 2.08 Failed ⁵		Ratio: 1.53 Failed ⁵	Ratio: 2.95 Failed ⁵
Hex(6200A3)	Ratio: 2.83 Failed ⁵	Ratio: 3.87 AA 18pt ²	Ratio: 3.18 AA 18pt ²	Ratio: 1.53 Failed ⁵		Ratio: 1.93 Failed ⁵
Hex(160024)	Ratio: 5.47 AA ¹ AAA 18pt ⁴	Ratio: 7.47 Passed ⁶	Ratio: 6.15 AA ¹ AAA 18pt ⁴	Ratio: 2.95 Failed ⁵	Ratio: 1.93 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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