

Converting Colors - WCAG Matrix

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

Hex(6B46C3) Hex(5D32C3) Hex(4F1FC3) Hex(420BC3) Hex(3A00C3)

Hex(6B46C3)		Ratio: 1.21 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.59 Failed ⁵
Hex(5D32C3)	Ratio: 1.21 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.31 Failed ⁵
Hex(4F1FC3)	Ratio: 1.42 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.12 Failed ⁵
Hex(420BC3)	Ratio: 1.59 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.12 Failed ⁵	
Hex(3A00C3)	Ratio: 1.67 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.05 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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