

Converting Colors - WCAG Matrix

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

Hex(6952C7) Hex(6F4AFF) Hex(A452C7) Hex(5C5A63) Hex(2100A3) Hex(070024)

	Hex(6952C7)	Hex(6F4AFF)	Hex(A452C7)	Hex(5C5A63)	Hex(2100A3)	Hex(070024)
Hex(6952C7)		Ratio: 1.13 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 3.51 AA 18pt ²
Hex(6F4AFF)	Ratio: 1.13 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 3.96 AA 18pt ²
Hex(A452C7)	Ratio: 1.27 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.49 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 4.46 AA 18pt ²
Hex(5C5A63)	Ratio: 1.17 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.49 Failed ⁵		Ratio: 1.94 Failed ⁵	Ratio: 2.99 Failed ⁵
Hex(2100A3)	Ratio: 2.28 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 1.94 Failed ⁵		Ratio: 1.54 Failed ⁵
Hex(070024)	Ratio: 3.51 AA 18pt ²	Ratio: 3.96 AA 18pt ²	Ratio: 4.46 AA 18pt ²	Ratio: 2.99 Failed ⁵	Ratio: 1.54 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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