

Converting Colors - WCAG Matrix

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

Hex(0600CC) Hex(0700FF) Hex(6900CC) Hex(5C5C66) Hex(0500A6) Hex(010026)

	Hex(0600CC)	Hex(0700FF)	Hex(6900CC)	Hex(5C5C66)	Hex(0500A6)	Hex(010026)
Hex(0600CC)		Ratio: 1.31 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.83 Failed ⁵
Hex(0700FF)	Ratio: 1.31 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 2.38 Failed ⁵
Hex(6900CC)	Ratio: 1.32 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 2.40 Failed ⁵
Hex(5C5C66)	Ratio: 1.69 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 2.04 Failed ⁵	Ratio: 3.09 AA 18pt ²
Hex(0500A6)	Ratio: 1.21 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 2.04 Failed ⁵		Ratio: 1.51 Failed ⁵
Hex(010026)	Ratio: 1.83 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 3.09 AA 18pt ²	Ratio: 1.51 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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