

Converting Colors - WCAG Matrix

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

Hex(2800CD) Hex(3200FF) Hex(8C00CD) Hex(5E5C66) Hex(2000A6) Hex(070026)

	Hex(2800CD)	Hex(3200FF)	Hex(8C00CD)	Hex(5E5C66)	Hex(2000A6)	Hex(070026)
Hex(2800CD)		Ratio: 1.31 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.90 Failed ⁵
Hex(3200FF)	Ratio: 1.31 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 2.49 Failed ⁵
Hex(8C00CD)	Ratio: 1.52 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.89 Failed ⁵
Hex(5E5C66)	Ratio: 1.62 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.98 Failed ⁵	Ratio: 3.08 AA 18pt ²
Hex(2000A6)	Ratio: 1.22 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.98 Failed ⁵		Ratio: 1.55 Failed ⁵
Hex(070026)	Ratio: 1.90 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 3.08 AA 18pt ²	Ratio: 1.55 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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