

Converting Colors - WCAG Matrix

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

Hex(D827D1) Hex(FF05F5) Hex(D8277A) Hex(6B606B) Hex(AB00A4) Hex(2B002A)

	Hex(D827D1)	Hex(FF05F5)	Hex(D8277A)	Hex(6B606B)	Hex(AB00A4)	Hex(2B002A)
Hex(D827D1)		Ratio: 1.28 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 4.52 AA ¹ AAA 18pt ⁴
Hex(FF05F5)	Ratio: 1.28 Failed ⁵		Ratio: 1.47 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 5.80 AA ¹ AAA 18pt ⁴
Hex(D8277A)	Ratio: 1.14 Failed ⁵	Ratio: 1.47 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 3.95 AA 18pt ²
Hex(6B606B)	Ratio: 1.46 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 3.09 AA 18pt ²
Hex(AB00A4)	Ratio: 1.57 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 2.88 Failed ⁵
Hex(2B002A)	Ratio: 4.52 AA ¹ AAA 18pt ⁴	Ratio: 5.80 AA ¹ AAA 18pt ⁴	Ratio: 3.95 AA 18pt ²	Ratio: 3.09 AA 18pt ²	Ratio: 2.88 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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