

Converting Colors - WCAG Matrix

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

Hex(8D61CD) Hex(A05EFF) Hex(C261CD) Hex(605C66) Hex(4400A6) Hex(100026)

	Hex(8D61CD)	Hex(A05EFF)	Hex(C261CD)	Hex(605C66)	Hex(4400A6)	Hex(100026)
Hex(8D61CD)		Ratio: 1.17 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 4.50 AA ¹ AAA 18pt ⁴
Hex(A05EFF)	Ratio: 1.17 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 3.08 AA 18pt ²	Ratio: 5.28 AA ¹ AAA 18pt ⁴
Hex(C261CD)	Ratio: 1.25 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.83 Failed ⁵	Ratio: 3.28 AA 18pt ²	Ratio: 5.61 AA ¹ AAA 18pt ⁴
Hex(605C66)	Ratio: 1.47 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.83 Failed ⁵		Ratio: 1.79 Failed ⁵	Ratio: 3.07 AA 18pt ²
Hex(4400A6)	Ratio: 2.63 Failed ⁵	Ratio: 3.08 AA 18pt ²	Ratio: 3.28 AA 18pt ²	Ratio: 1.79 Failed ⁵		Ratio: 1.71 Failed ⁵
Hex(100026)	Ratio: 4.50 AA ¹ AAA 18pt ⁴	Ratio: 5.28 AA ¹ AAA 18pt ⁴	Ratio: 5.61 AA ¹ AAA 18pt ⁴	Ratio: 3.07 AA 18pt ²	Ratio: 1.71 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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