

Converting Colors - WCAG Matrix

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

Hex(8D6ECB) Hex(A173FF) Hex(BC6ECB) Hex(5F5C66) Hex(3700A6) Hex(0D0026)

	Hex(8D6ECB)	Hex(A173FF)	Hex(BC6ECB)	Hex(5F5C66)	Hex(3700A6)	Hex(0D0026)
Hex(8D6ECB)		Ratio: 1.23 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 3.05 AA 18pt ²	Ratio: 5.00 AA ¹ AAA 18pt ⁴
Hex(A173FF)	Ratio: 1.23 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 3.74 AA 18pt ²	Ratio: 6.13 AA ¹ AAA 18pt ⁴
Hex(BC6ECB)	Ratio: 1.19 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.94 Failed ⁵	Ratio: 3.64 AA 18pt ²	Ratio: 5.96 AA ¹ AAA 18pt ⁴
Hex(5F5C66)	Ratio: 1.63 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.94 Failed ⁵		Ratio: 1.87 Failed ⁵	Ratio: 3.07 AA 18pt ²
Hex(3700A6)	Ratio: 3.05 AA 18pt ²	Ratio: 3.74 AA 18pt ²	Ratio: 3.64 AA 18pt ²	Ratio: 1.87 Failed ⁵		Ratio: 1.64 Failed ⁵
Hex(0D0026)	Ratio: 5.00 AA ¹ AAA 18pt ⁴	Ratio: 6.13 AA ¹ AAA 18pt ⁴	Ratio: 5.96 AA ¹ AAA 18pt ⁴	Ratio: 3.07 AA 18pt ²	Ratio: 1.64 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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