

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(DCC4F5) Hex(E0C2FF) Hex(F5C4F5) Hex(746E7A) Hex(5D00BA) Hex(1D003B)

Hex(DCC4F5)		Ratio: 1.01 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 3.12 AA 18pt ²	Ratio: 6.10 AA ¹ AAA 18pt ⁴	Ratio: 11.89 Passed ⁶
Hex(E0C2FF)	Ratio: 1.01 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 3.13 AA 18pt ²	Ratio: 6.13 AA ¹ AAA 18pt ⁴	Ratio: 11.95 Passed ⁶
Hex(F5C4F5)	Ratio: 1.06 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 3.31 AA 18pt ²	Ratio: 6.48 AA ¹ AAA 18pt ⁴	Ratio: 12.64 Passed ⁶
Hex(746E7A)	Ratio: 3.12 AA 18pt ²	Ratio: 3.13 AA 18pt ²	Ratio: 3.31 AA 18pt ²		Ratio: 1.96 Failed ⁵	Ratio: 3.81 AA 18pt ²
Hex(5D00BA)	Ratio: 6.10 AA ¹ AAA 18pt ⁴	Ratio: 6.13 AA ¹ AAA 18pt ⁴	Ratio: 6.48 AA ¹ AAA 18pt ⁴	Ratio: 1.96 Failed ⁵		Ratio: 1.95 Failed ⁵
Hex(1D003B)	Ratio: 11.89 Passed ⁶	Ratio: 11.95 Passed ⁶	Ratio: 12.64 Passed ⁶	Ratio: 3.81 AA 18pt ²	Ratio: 1.95 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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