

Converting Colors - WCAG Matrix

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

Hex(A58FFF) Hex(9278FF) Hex(DC8FFF) Hex(757380) Hex(2600BF) Hex(0D0040)

	Hex(A58FFF)	Hex(9278FF)	Hex(DC8FFF)	Hex(757380)	Hex(2600BF)	Hex(0D0040)
Hex(A58FFF)		Ratio: 1.26 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 4.35 AA 18pt ²	Ratio: 7.31 Passed ⁶
Hex(9278FF)	Ratio: 1.26 Failed ⁵		Ratio: 1.48 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 3.46 AA 18pt ²	Ratio: 5.82 AA ¹ AAA 18pt ⁴
Hex(DC8FFF)	Ratio: 1.18 Failed ⁵	Ratio: 1.48 Failed ⁵		Ratio: 2.08 Failed ⁵	Ratio: 5.13 AA ¹ AAA 18pt ⁴	Ratio: 8.63 Passed ⁶
Hex(757380)	Ratio: 1.76 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 2.08 Failed ⁵		Ratio: 2.46 Failed ⁵	Ratio: 4.14 AA 18pt ²
Hex(2600BF)	Ratio: 4.35 AA 18pt ²	Ratio: 3.46 AA 18pt ²	Ratio: 5.13 AA ¹ AAA 18pt ⁴	Ratio: 2.46 Failed ⁵		Ratio: 1.68 Failed ⁵
Hex(0D0040)	Ratio: 7.31 Passed ⁶	Ratio: 5.82 AA ¹ AAA 18pt ⁴	Ratio: 8.63 Passed ⁶	Ratio: 4.14 AA 18pt ²	Ratio: 1.68 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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