

Converting Colors - WCAG Matrix

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

Hex(B8A1FF) Hex(AA8FFF) Hex(E6A1FF) Hex(767380) Hex(2F00BF) Hex(100040)

	Hex(B8A1FF)	Hex(AA8FFF)	Hex(E6A1FF)	Hex(767380)	Hex(2F00BF)	Hex(100040)
Hex(B8A1FF)		Ratio: 1.19 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 5.11 AA ¹ AAA 18pt ⁴	Ratio: 8.74 Passed ⁶
Hex(AA8FFF)	Ratio: 1.19 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 4.31 AA 18pt ²	Ratio: 7.37 Passed ⁶
Hex(E6A1FF)	Ratio: 1.14 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 2.41 Failed ⁵	Ratio: 5.82 AA ¹ AAA 18pt ⁴	Ratio: 9.95 Passed ⁶
Hex(767380)	Ratio: 2.11 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.41 Failed ⁵		Ratio: 2.42 Failed ⁵	Ratio: 4.14 AA 18pt ²
Hex(2F00BF)	Ratio: 5.11 AA ¹ AAA 18pt ⁴	Ratio: 4.31 AA 18pt ²	Ratio: 5.82 AA ¹ AAA 18pt ⁴	Ratio: 2.42 Failed ⁵		Ratio: 1.71 Failed ⁵
Hex(100040)	Ratio: 8.74 Passed ⁶	Ratio: 7.37 Passed ⁶	Ratio: 9.95 Passed ⁶	Ratio: 4.14 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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