

Converting Colors - WCAG Matrix

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

Hex(4F2EFF) Hex(FFCFFF) Hex(9B65FF) Hex(BD81FF) Hex(DE9CFF) Hex(FFB8FF)

	Hex(4F2EFF)	Hex(FFCFFF)	Hex(9B65FF)	Hex(BD81FF)	Hex(DE9CFF)	Hex(FFB8FF)
Hex(4F2EFF)		Ratio: 4.93 AA ¹ AAA 18pt ⁴	Ratio: 1.80 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 3.25 AA 18pt ²	Ratio: 4.28 AA 18pt ²
Hex(FFCFFF)	Ratio: 4.93 AA ¹ AAA 18pt ⁴		Ratio: 2.74 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.15 Failed ⁵
Hex(9B65FF)	Ratio: 1.80 Failed ⁵	Ratio: 2.74 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.38 Failed ⁵
Hex(BD81FF)	Ratio: 2.45 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.75 Failed ⁵
Hex(DE9CFF)	Ratio: 3.25 AA 18pt ²	Ratio: 1.52 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.32 Failed ⁵
Hex(FFB8FF)	Ratio: 4.28 AA 18pt ²	Ratio: 1.15 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.32 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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