

Converting Colors - WCAG Matrix

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

Hex(8E68C0) Hex(FFFFFF) Hex(C69CF9) Hex(E2B7FF) Hex(FFD3FF) Hex(FFEEFF)

	Hex(8E68C0)	Hex(FFFFFF)	Hex(C69CF9)	Hex(E2B7FF)	Hex(FFD3FF)	Hex(FFEEFF)
Hex(8E68C0)		Ratio: 4.29 AA 18pt ²	Ratio: 1.95 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 3.27 AA 18pt ²	Ratio: 3.89 AA 18pt ²
Hex(FFFFFF)	Ratio: 4.29 AA 18pt ²		Ratio: 2.20 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.10 Failed ⁵
Hex(C69CF9)	Ratio: 1.95 Failed ⁵	Ratio: 2.20 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 2.00 Failed ⁵
Hex(E2B7FF)	Ratio: 2.55 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.53 Failed ⁵
Hex(FFD3FF)	Ratio: 3.27 AA 18pt ²	Ratio: 1.31 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.19 Failed ⁵
Hex(FFEEFF)	Ratio: 3.89 AA 18pt ²	Ratio: 1.10 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.19 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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