

Converting Colors - WCAG Matrix

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

Hex(D95DFF) Hex(FFFFFF) Hex(FF96FF) Hex(FFB3FF) Hex(FFD0FF) Hex(FFEDFF)

	Hex(D95DFF)	Hex(FFFFFF)	Hex(FF96FF)	Hex(FFB3FF)	Hex(FFD0FF)	Hex(FFEDFF)
Hex(D95DFF)		Ratio: 3.02 AA 18pt ²	Ratio: 1.59 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 2.70 Failed ⁵
Hex(FFFFFF)	Ratio: 3.02 AA 18pt ²		Ratio: 1.90 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.12 Failed ⁵
Hex(FF96FF)	Ratio: 1.59 Failed ⁵	Ratio: 1.90 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.70 Failed ⁵
Hex(FFB3FF)	Ratio: 1.89 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.43 Failed ⁵
Hex(FFD0FF)	Ratio: 2.26 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.20 Failed ⁵
Hex(FFEDFF)	Ratio: 2.70 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.20 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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