

Converting Colors - WCAG Matrix

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

	Hex(794CE1)	Hex(FFFFFF)	Hex(B480FF)	Hex(D29AFF)	Hex(F0B6FF)	Hex(FFD2FF)	Hex(FFEFFF)
Hex(794CE1)		Ratio: 5.34 AA ¹ AAA 18pt ⁴	Ratio: 1.90 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 3.26 AA 18pt ²	Ratio: 4.05 AA 18pt ²	Ratio: 4.84 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 5.34 AA ¹ AAA 18pt ⁴		Ratio: 2.81 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.10 Failed ⁵
Hex(B480FF)	Ratio: 1.90 Failed ⁵	Ratio: 2.81 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 2.55 Failed ⁵
Hex(D29AFF)	Ratio: 2.49 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.94 Failed ⁵
Hex(F0B6FF)	Ratio: 3.26 AA 18pt ²	Ratio: 1.64 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.48 Failed ⁵
Hex(FFD2FF)	Ratio: 4.05 AA 18pt ²	Ratio: 1.32 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.20 Failed ⁵
Hex(FFEFFF)	Ratio: 4.84 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.48 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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