

Converting Colors - WCAG Matrix

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

Hex(7457F5) Hex(FFFFFF) Hex(B18BFF) Hex(CFA5FF) Hex(EEC1FF) Hex(FFDDFF) Hex(FFFAFF)

	Hex(7457F5)	Hex(FFFFFF)	Hex(B18BFF)	Hex(CFA5FF)	Hex(EEC1FF)	Hex(FFDDFF)	Hex(FFFAFF)
Hex(7457F5)		Ratio: 4.75 AA ¹ AAA 18pt ⁴	Ratio: 1.81 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 3.10 AA 18pt ²	Ratio: 3.85 AA 18pt ²	Ratio: 4.60 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 4.75 AA ¹ AAA 18pt ⁴		Ratio: 2.62 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(B18BFF)	Ratio: 1.81 Failed ⁵	Ratio: 2.62 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 2.54 Failed ⁵
Hex(CFA5FF)	Ratio: 2.37 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.94 Failed ⁵
Hex(EEC1FF)	Ratio: 3.10 AA 18pt ²	Ratio: 1.53 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.49 Failed ⁵
Hex(FFDDFF)	Ratio: 3.85 AA 18pt ²	Ratio: 1.23 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.20 Failed ⁵
Hex(FFFAFF)	Ratio: 4.60 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.49 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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