

Converting Colors - WCAG Matrix

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

Hex(7F7BDB) Hex(FFFFFF) Hex(B7AFFF) Hex(D4CBFF) Hex(F2E7FF)

	Hex(7F7BDB)	Hex(FFFFFF)	Hex(B7AFFF)	Hex(D4CBFF)	Hex(F2E7FF)
Hex(7F7BDB)		Ratio: 3.65 AA 18pt ²	Ratio: 1.84 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 3.07 AA 18pt ²
Hex(FFFFFF)	Ratio: 3.65 AA 18pt ²		Ratio: 1.98 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.19 Failed ⁵
Hex(B7AFFF)	Ratio: 1.84 Failed ⁵	Ratio: 1.98 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.67 Failed ⁵
Hex(D4CBFF)	Ratio: 2.39 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.28 Failed ⁵
Hex(F2E7FF)	Ratio: 3.07 AA 18pt ²	Ratio: 1.19 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.28 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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