

Converting Colors - WCAG Matrix

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

Hex(A372A8) Hex(FFFFFF) Hex(DBA7E0) Hex(F8C2FC) Hex(FFDFFF) Hex(FFFBFF)

	Hex(A372A8)	Hex(FFFFFF)	Hex(DBA7E0)	Hex(F8C2FC)	Hex(FFDFFF)	Hex(FFFBFF)
Hex(A372A8)		Ratio: 3.80 AA 18pt ²	Ratio: 1.92 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 3.12 AA 18pt ²	Ratio: 3.71 AA 18pt ²
Hex(FFFFFF)	Ratio: 3.80 AA 18pt ²		Ratio: 1.98 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(DBA7E0)	Ratio: 1.92 Failed ⁵	Ratio: 1.98 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.93 Failed ⁵
Hex(F8C2FC)	Ratio: 2.55 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.45 Failed ⁵
Hex(FFDFFF)	Ratio: 3.12 AA 18pt ²	Ratio: 1.22 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.19 Failed ⁵
Hex(FFFBFF)	Ratio: 3.71 AA 18pt ²	Ratio: 1.02 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.45 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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