

Converting Colors - WCAG Matrix

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

Hex(7374B2) Hex(FFFFFF) Hex(A9A8EA) Hex(C5C3FF) Hex(E1DFFF) Hex(FEFCFF)

	Hex(7374B2)	Hex(FFFFFF)	Hex(A9A8EA)	Hex(C5C3FF)	Hex(E1DFFF)	Hex(FEFCFF)
Hex(7374B2)		Ratio: 4.31 AA 18pt ²	Ratio: 1.95 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 3.33 AA 18pt ²	Ratio: 4.23 AA 18pt ²
Hex(FFFFFF)	Ratio: 4.31 AA 18pt ²		Ratio: 2.22 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(A9A8EA)	Ratio: 1.95 Failed ⁵	Ratio: 2.22 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 2.17 Failed ⁵
Hex(C5C3FF)	Ratio: 2.59 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.63 Failed ⁵
Hex(E1DFFF)	Ratio: 3.33 AA 18pt ²	Ratio: 1.30 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.27 Failed ⁵
Hex(FEFCFF)	Ratio: 4.23 AA 18pt ²	Ratio: 1.02 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.27 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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