

Converting Colors - WCAG Matrix

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

Hex(7B6F90) Hex(FFFFFF) Hex(B0A3C6) Hex(CBBEE2) Hex(E8DAFF) Hex(FFF6FF)

	Hex(7B6F90)	Hex(FFFFFF)	Hex(B0A3C6)	Hex(CBBEE2)	Hex(E8DAFF)	Hex(FFF6FF)
Hex(7B6F90)		Ratio: 4.65 AA ¹ AAA 18pt ⁴	Ratio: 1.97 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 3.52 AA 18pt ²	Ratio: 4.40 AA 18pt ²
Hex(FFFFFF)	Ratio: 4.65 AA ¹ AAA 18pt ⁴		Ratio: 2.36 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.06 Failed ⁵
Hex(B0A3C6)	Ratio: 1.97 Failed ⁵	Ratio: 2.36 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.23 Failed ⁵
Hex(CBBEE2)	Ratio: 2.66 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.66 Failed ⁵
Hex(E8DAFF)	Ratio: 3.52 AA 18pt ²	Ratio: 1.32 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.25 Failed ⁵
Hex(FFF6FF)	Ratio: 4.40 AA 18pt ²	Ratio: 1.06 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.25 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

Failed 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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