

Converting Colors - WCAG Matrix

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

Hex(CB7EFB) Hex(E899FF) Hex(FFB5FF) Hex(FFD1FF) Hex(FFEEFF) Hex(FFFFFF)

	Hex(CB7EFB)	Hex(E899FF)	Hex(FFB5FF)	Hex(FFD1FF)	Hex(FFEEFF)	Hex(FFFFFF)
Hex(CB7EFB)		Ratio: 1.32 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 2.65 Failed ⁵
Hex(E899FF)	Ratio: 1.32 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.01 Failed ⁵
Hex(FFB5FF)	Ratio: 1.68 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.58 Failed ⁵
Hex(FFD1FF)	Ratio: 2.00 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.33 Failed ⁵
Hex(FFEEFF)	Ratio: 2.39 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.11 Failed ⁵
Hex(FFFFFF)	Ratio: 2.65 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.11 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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