

Converting Colors - WCAG Matrix

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

Hex(8874B3) Hex(FFFFFF) Hex(BEA8EB) Hex(DBC3FF) Hex(F7DFFF) Hex(FFFCFF)

	Hex(8874B3)	Hex(FFFFFF)	Hex(BEA8EB)	Hex(DBC3FF)	Hex(F7DFFF)	Hex(FFFCFF)
Hex(8874B3)		Ratio: 4.04 AA 18pt ²	Ratio: 1.92 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 3.26 AA 18pt ²	Ratio: 3.97 AA 18pt ²
Hex(FFFFFF)	Ratio: 4.04 AA 18pt ²		Ratio: 2.10 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(BEA8EB)	Ratio: 1.92 Failed ⁵	Ratio: 2.10 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 2.06 Failed ⁵
Hex(DBC3FF)	Ratio: 2.55 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.55 Failed ⁵
Hex(F7DFFF)	Ratio: 3.26 AA 18pt ²	Ratio: 1.24 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.22 Failed ⁵
Hex(FFFCFF)	Ratio: 3.97 AA 18pt ²	Ratio: 1.02 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.22 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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