

Converting Colors - WCAG Matrix

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

Hex(8348B7) Hex(FFFFFF) Hex(BB7BF0) Hex(D896FF) Hex(F5B1FF) Hex(FFCDFF) Hex(FFE AFF)

Hex(8348B7)		Ratio: 5.87 AA ¹ AAA 18pt ⁴	Ratio: 2.01 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 3.53 AA 18pt ²	Ratio: 4.31 AA 18pt ²	Ratio: 5.16 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 5.87 AA ¹ AAA 18pt ⁴		Ratio: 2.91 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.14 Failed ⁵
Hex(BB7BF0)	Ratio: 2.01 Failed ⁵	Ratio: 2.91 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 2.56 Failed ⁵
Hex(D896FF)	Ratio: 2.72 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.90 Failed ⁵
Hex(F5B1FF)	Ratio: 3.53 AA 18pt ²	Ratio: 1.66 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.46 Failed ⁵
Hex(FFCDFF)	Ratio: 4.31 AA 18pt ²	Ratio: 1.36 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.20 Failed ⁵
Hex(FFE AFF)	Ratio: 5.16 AA ¹ AAA 18pt ⁴	Ratio: 1.14 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.20 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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