

Converting Colors - WCAG Matrix

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

	Hex(6817B5)	Hex(FFFFFF)	Hex(A251EE)	Hex(BF6CFF)	Hex(DD87FF)	Hex(FBA3FF)	Hex(FFBFFF)	Hex(FFDCFF)	Hex(FFF9FF)
Hex(6817B5)		Ratio: 8.83 Passed ⁶	Ratio: 2.08 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 3.78 AA 18pt ²	Ratio: 4.95 AA ¹ AAA 18pt ⁴	Ratio: 5.95 AA ¹ AAA 18pt ⁴	Ratio: 7.12 Passed ⁶	Ratio: 8.51 Passed ⁶
Hex(FFFFFF)	Ratio: 8.83 Passed ⁶		Ratio: 4.24 AA 18pt ²	Ratio: 3.09 AA 18pt ²	Ratio: 2.34 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.04 Failed ⁵
Hex(A251EE)	Ratio: 2.08 Failed ⁵	Ratio: 4.24 AA 18pt ²		Ratio: 1.38 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 3.42 AA 18pt ²	Ratio: 4.09 AA 18pt ²
Hex(BF6CFF)	Ratio: 2.86 Failed ⁵	Ratio: 3.09 AA 18pt ²	Ratio: 1.38 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 2.98 Failed ⁵
Hex(DD87FF)	Ratio: 3.78 AA 18pt ²	Ratio: 2.34 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.25 Failed ⁵
Hex(FBA3FF)	Ratio: 4.95 AA ¹ AAA 18pt ⁴	Ratio: 1.78 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.72 Failed ⁵
Hex(FFBFFF)	Ratio: 5.95 AA ¹ AAA 18pt ⁴	Ratio: 1.48 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.43 Failed ⁵
Hex(FFDCFF)	Ratio: 7.12 Passed ⁶	Ratio: 1.24 Failed ⁵	Ratio: 3.42 AA 18pt ²	Ratio: 2.49 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.20 Failed ⁵
Hex(FFF9FF)	Ratio: 8.51 Passed ⁶	Ratio: 1.04 Failed ⁵	Ratio: 4.09 AA 18pt ²	Ratio: 2.98 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.43 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.

This PDF was generated on convertingcolors.com.