

Converting Colors - WCAG Matrix

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

	Hex(7058BF)	Hex(8C71DB)	Hex(A88BF8)	Hex(C4A5FF)	Hex(E1C0FF)	Hex(FFDCFF)	Hex(FFF9FF)	Hex(FFFFFF)
Hex(7058BF)		Ratio: 1.43 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 3.44 AA 18pt ²	Ratio: 4.41 AA 18pt ²	Ratio: 5.28 AA ¹ AAA 18pt ⁴	Ratio: 5.47 AA ¹ AAA 18pt ⁴
Hex(8C71DB)	Ratio: 1.43 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 3.08 AA 18pt ²	Ratio: 3.68 AA 18pt ²	Ratio: 3.82 AA 18pt ²
Hex(A88BF8)	Ratio: 2.01 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 2.72 Failed ⁵
Hex(C4A5FF)	Ratio: 2.65 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.06 Failed ⁵
Hex(E1C0FF)	Ratio: 3.44 AA 18pt ²	Ratio: 2.40 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.59 Failed ⁵
Hex(FFDCFF)	Ratio: 4.41 AA 18pt ²	Ratio: 3.08 AA 18pt ²	Ratio: 2.20 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.24 Failed ⁵
Hex(FFF9FF)	Ratio: 5.28 AA ¹ AAA 18pt ⁴	Ratio: 3.68 AA 18pt ²	Ratio: 2.62 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.04 Failed ⁵
Hex(FFFFFF)	Ratio: 5.47 AA ¹ AAA 18pt ⁴	Ratio: 3.82 AA 18pt ²	Ratio: 2.72 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.04 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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