

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(E4CDF9) Hex(E6C9FF) Hex(F9CDF7) Hex(77707D) Hex(6500BD) Hex(21003D)

Hex(E4CDF9)		Ratio: 1.02 Failed⁵	Ratio: 1.05 Failed⁵	Ratio: 3.27 AA 18pt²	Ratio: 6.29 AA¹ AAA 18pt⁴	Ratio: 12.72 Passed⁶
Hex(E6C9FF)	Ratio: 1.02 Failed⁵		Ratio: 1.07 Failed⁵	Ratio: 3.22 AA 18pt²	Ratio: 6.19 AA¹ AAA 18pt⁴	Ratio: 12.51 Passed⁶
Hex(F9CDF7)	Ratio: 1.05 Failed⁵	Ratio: 1.07 Failed⁵		Ratio: 3.43 AA 18pt²	Ratio: 6.60 AA¹ AAA 18pt⁴	Ratio: 13.34 Passed⁶
Hex(77707D)	Ratio: 3.27 AA 18pt²	Ratio: 3.22 AA 18pt²	Ratio: 3.43 AA 18pt²		Ratio: 1.92 Failed⁵	Ratio: 3.89 AA 18pt²
Hex(6500BD)	Ratio: 6.29 AA¹ AAA 18pt⁴	Ratio: 6.19 AA¹ AAA 18pt⁴	Ratio: 6.60 AA¹ AAA 18pt⁴	Ratio: 1.92 Failed⁵		Ratio: 2.02 Failed⁵
Hex(21003D)	Ratio: 12.72 Passed⁶	Ratio: 12.51 Passed⁶	Ratio: 13.34 Passed⁶	Ratio: 3.89 AA 18pt²	Ratio: 2.02 Failed⁵	

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.