

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(F6E1FF) Hex(F4DBFF) Hex(FFE1F9) Hex(7C7380) Hex(8700BF) Hex(2D0040)

Hex(F6E1FF)		Ratio: 1.04 Failed⁵	Ratio: 1.02 Failed⁵	Ratio: 3.71 AA 18pt²	Ratio: 6.16 AA¹ AAA 18pt⁴	Ratio: 14.45 Passed⁶
Hex(F4DBFF)	Ratio: 1.04 Failed⁵		Ratio: 1.06 Failed⁵	Ratio: 3.55 AA 18pt²	Ratio: 5.90 AA¹ AAA 18pt⁴	Ratio: 13.85 Passed⁶
Hex(FFE1F9)	Ratio: 1.02 Failed⁵	Ratio: 1.06 Failed⁵		Ratio: 3.76 AA 18pt²	Ratio: 6.25 AA¹ AAA 18pt⁴	Ratio: 14.67 Passed⁶
Hex(7C7380)	Ratio: 3.71 AA 18pt²	Ratio: 3.55 AA 18pt²	Ratio: 3.76 AA 18pt²		Ratio: 1.66 Failed⁵	Ratio: 3.90 AA 18pt²
Hex(8700BF)	Ratio: 6.16 AA¹ AAA 18pt⁴	Ratio: 5.90 AA¹ AAA 18pt⁴	Ratio: 6.25 AA¹ AAA 18pt⁴	Ratio: 1.66 Failed⁵		Ratio: 2.35 Failed⁵
Hex(2D0040)	Ratio: 14.45 Passed⁶	Ratio: 13.85 Passed⁶	Ratio: 14.67 Passed⁶	Ratio: 3.90 AA 18pt²	Ratio: 2.35 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.

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