

Converting Colors - WCAG Matrix

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

Hex(734476) Hex(FFFFFF) Hex(A875AA) Hex(C48FC6) Hex(E0AAE2) Hex(FDC6FE) Hex(FFE2FF)

	Hex(734476)	Hex(FFFFFF)	Hex(A875AA)	Hex(C48FC6)	Hex(E0AAE2)	Hex(FDC6FE)	Hex(FFE2FF)
Hex(734476)		Ratio: 7.45 Passed ⁶	Ratio: 2.06 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 3.91 AA 18pt ²	Ratio: 5.21 AA ¹ AAA 18pt ⁴	Ratio: 6.24 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 7.45 Passed ⁶		Ratio: 3.63 AA 18pt ²	Ratio: 2.60 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.19 Failed ⁵
Hex(A875AA)	Ratio: 2.06 Failed ⁵	Ratio: 3.63 AA 18pt ²		Ratio: 1.40 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 3.04 AA 18pt ²
Hex(C48FC6)	Ratio: 2.87 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.17 Failed ⁵
Hex(E0AAE2)	Ratio: 3.91 AA 18pt ²	Ratio: 1.91 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.60 Failed ⁵
Hex(FDC6FE)	Ratio: 5.21 AA ¹ AAA 18pt ⁴	Ratio: 1.43 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.20 Failed ⁵
Hex(FFE2FF)	Ratio: 6.24 AA ¹ AAA 18pt ⁴	Ratio: 1.19 Failed ⁵	Ratio: 3.04 AA 18pt ²	Ratio: 2.17 Failed ⁵	Ratio: 1.60 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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