

Converting Colors - WCAG Matrix

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

Hex(72396A) Hex(FFFFFF) Hex(A76B9D) Hex(C384B8) Hex(DF9FD4) Hex(FCBAF0) Hex(FFD6FF) Hex(FFF3FF)

	Hex(72396A)	Hex(FFFFFF)	Hex(A76B9D)	Hex(C384B8)	Hex(DF9FD4)	Hex(FCBAF0)	Hex(FFD6FF)	Hex(FFF3FF)
Hex(72396A)	Ratio: 8.37 Passed ⁶	Ratio: 2.09 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 4.00 AA 18pt ²	Ratio: 5.35 AA ¹ AAA 18pt ⁴	Ratio: 6.50 AA ¹ AAA 18pt ⁴	Ratio: 7.78 Passed ⁶	
Hex(FFFFFF)	Ratio: 8.37 Passed ⁶	Ratio: 4.01 AA 18pt ²	Ratio: 2.87 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.08 Failed ⁵	
Hex(A76B9D)	Ratio: 2.09 Failed ⁵	Ratio: 4.01 AA 18pt ²	Ratio: 1.40 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 3.12 AA 18pt ²	Ratio: 3.73 AA 18pt ²	
Hex(C384B8)	Ratio: 2.91 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 2.67 Failed ⁵	
Hex(DF9FD4)	Ratio: 4.00 AA 18pt ²	Ratio: 2.09 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.94 Failed ⁵	
Hex(FCBAF0)	Ratio: 5.35 AA ¹ AAA 18pt ⁴	Ratio: 1.56 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.45 Failed ⁵	
Hex(FFD6FF)	Ratio: 6.50 AA ¹ AAA 18pt ⁴	Ratio: 1.29 Failed ⁵	Ratio: 3.12 AA 18pt ²	Ratio: 2.23 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.20 Failed ⁵	
Hex(FFF3FF)	Ratio: 7.78 Passed ⁶	Ratio: 1.08 Failed ⁵	Ratio: 3.73 AA 18pt ²	Ratio: 2.67 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.45 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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