

Converting Colors - WCAG Matrix

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

	Hex(5A3F44)	Hex(FFFFFF)	Hex(8D6F74)	Hex(A7888D)	Hex(C3A2A7)	Hex(DFBEC3)	Hex(FCD9DF)	Hex(FFF6FB)
Hex(5A3F44)		Ratio: 9.42 Passed ⁶	Ratio: 2.09 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 4.06 AA 18pt ²	Ratio: 5.51 AA ¹ AAA 18pt ⁴	Ratio: 7.24 Passed ⁶	Ratio: 8.89 Passed ⁶
Hex(FFFFFF)	Ratio: 9.42 Passed ⁶		Ratio: 4.51 AA ¹ AAA 18pt ⁴	Ratio: 3.21 AA 18pt ²	Ratio: 2.32 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.06 Failed ⁵
Hex(8D6F74)	Ratio: 2.09 Failed ⁵	Ratio: 4.51 AA ¹ AAA 18pt ⁴		Ratio: 1.41 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 3.46 AA 18pt ²	Ratio: 4.26 AA 18pt ²
Hex(A7888D)	Ratio: 2.94 Failed ⁵	Ratio: 3.21 AA 18pt ²	Ratio: 1.41 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 3.03 AA 18pt ²
Hex(C3A2A7)	Ratio: 4.06 AA 18pt ²	Ratio: 2.32 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.19 Failed ⁵
Hex(DFBEC3)	Ratio: 5.51 AA ¹ AAA 18pt ⁴	Ratio: 1.71 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.61 Failed ⁵
Hex(FCD9DF)	Ratio: 7.24 Passed ⁶	Ratio: 1.30 Failed ⁵	Ratio: 3.46 AA 18pt ²	Ratio: 2.46 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.23 Failed ⁵
Hex(FFF6FB)	Ratio: 8.89 Passed ⁶	Ratio: 1.06 Failed ⁵	Ratio: 4.26 AA 18pt ²	Ratio: 3.03 AA 18pt ²	Ratio: 2.19 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.23 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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