

Converting Colors - WCAG Matrix

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

Hex(735168) Hex(FFFFFF) Hex(A7839C) Hex(C39DB6) Hex(DFB8D2) Hex(FBD4EE) Hex(FFF1FF)

	Hex(735168)	Hex(FFFFFF)	Hex(A7839C)	Hex(C39DB6)	Hex(DFB8D2)	Hex(FBD4EE)	Hex(FFF1FF)
Hex(735168)		Ratio: 6.76 AA ¹ AAA 18pt ⁴	Ratio: 2.05 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 3.84 AA 18pt ²	Ratio: 5.07 AA ¹ AAA 18pt ⁴	Ratio: 6.21 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 6.76 AA ¹ AAA 18pt ⁴		Ratio: 3.30 AA 18pt ²	Ratio: 2.38 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.09 Failed ⁵
Hex(A7839C)	Ratio: 2.05 Failed ⁵	Ratio: 3.30 AA 18pt ²		Ratio: 1.38 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 3.03 AA 18pt ²
Hex(C39DB6)	Ratio: 2.84 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.19 Failed ⁵
Hex(DFB8D2)	Ratio: 3.84 AA 18pt ²	Ratio: 1.76 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.62 Failed ⁵
Hex(FBD4EE)	Ratio: 5.07 AA ¹ AAA 18pt ⁴	Ratio: 1.33 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.22 Failed ⁵
Hex(FFF1FF)	Ratio: 6.21 AA ¹ AAA 18pt ⁴	Ratio: 1.09 Failed ⁵	Ratio: 3.03 AA 18pt ²	Ratio: 2.19 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.22 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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