

Converting Colors - WCAG Matrix

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

Hex(735465) Hex(FFFFFF) Hex(A78698) Hex(C3A0B3) Hex(DFBBCE) Hex(FCD7EA) Hex(FFF3FF)

	Hex(735465)	Hex(FFFFFF)	Hex(A78698)	Hex(C3A0B3)	Hex(DFBBCE)	Hex(FCD7EA)	Hex(FFF3FF)
Hex(735465)		Ratio: 6.59 AA ¹ AAA 18pt ⁴	Ratio: 2.04 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 3.81 AA 18pt ²	Ratio: 5.04 AA ¹ AAA 18pt ⁴	Ratio: 6.13 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 6.59 AA ¹ AAA 18pt ⁴		Ratio: 3.23 AA 18pt ²	Ratio: 2.33 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.08 Failed ⁵
Hex(A78698)	Ratio: 2.04 Failed ⁵	Ratio: 3.23 AA 18pt ²		Ratio: 1.38 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 3.00 AA 18pt ²
Hex(C3A0B3)	Ratio: 2.83 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.17 Failed ⁵
Hex(DFBBCE)	Ratio: 3.81 AA 18pt ²	Ratio: 1.73 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.61 Failed ⁵
Hex(FCD7EA)	Ratio: 5.04 AA ¹ AAA 18pt ⁴	Ratio: 1.31 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.22 Failed ⁵
Hex(FFF3FF)	Ratio: 6.13 AA ¹ AAA 18pt ⁴	Ratio: 1.08 Failed ⁵	Ratio: 3.00 AA 18pt ²	Ratio: 2.17 Failed ⁵	Ratio: 1.61 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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