

Converting Colors - WCAG Matrix

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

Hex(7F687D) Hex(FFFFFF) Hex(B49BB2) Hex(D0B6CD) Hex(ECD2E9) Hex(FFEEFF)

	Hex(7F687D)	Hex(FFFFFF)	Hex(B49BB2)	Hex(D0B6CD)	Hex(ECD2E9)	Hex(FFEEFF)
Hex(7F687D)		Ratio: 5.03 AA ¹ AAA 18pt ⁴	Ratio: 1.98 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 3.58 AA 18pt ²	Ratio: 4.53 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 5.03 AA ¹ AAA 18pt ⁴		Ratio: 2.54 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.11 Failed ⁵
Hex(B49BB2)	Ratio: 1.98 Failed ⁵	Ratio: 2.54 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.29 Failed ⁵
Hex(D0B6CD)	Ratio: 2.69 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.68 Failed ⁵
Hex(ECD2E9)	Ratio: 3.58 AA 18pt ²	Ratio: 1.40 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.26 Failed ⁵
Hex(FFEEFF)	Ratio: 4.53 AA ¹ AAA 18pt ⁴	Ratio: 1.11 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.26 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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