

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(FADEF7) Hex(FFDEFB) Hex(FAEFDE) Hex(7D707B) Hex(BD00A7) Hex(3D0036)

Hex(FADEF7)		Ratio: 1.01 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 3.77 AA 18pt ²	Ratio: 4.53 AA ¹ AAA 18pt ⁴	Ratio: 13.47 Passed ⁶
Hex(FFDEFB)	Ratio: 1.01 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 3.82 AA 18pt ²	Ratio: 4.59 AA ¹ AAA 18pt ⁴	Ratio: 13.66 Passed ⁶
Hex(FAEFDE)	Ratio: 1.10 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 4.13 AA 18pt ²	Ratio: 4.96 AA ¹ AAA 18pt ⁴	Ratio: 14.75 Passed ⁶
Hex(7D707B)	Ratio: 3.77 AA 18pt ²	Ratio: 3.82 AA 18pt ²	Ratio: 4.13 AA 18pt ²		Ratio: 1.20 Failed ⁵	Ratio: 3.58 AA 18pt ²
Hex(BD00A7)	Ratio: 4.53 AA ¹ AAA 18pt ⁴	Ratio: 4.59 AA ¹ AAA 18pt ⁴	Ratio: 4.96 AA ¹ AAA 18pt ⁴	Ratio: 1.20 Failed ⁵		Ratio: 2.97 Failed ⁵
Hex(3D0036)	Ratio: 13.47 Passed ⁶	Ratio: 13.66 Passed ⁶	Ratio: 14.75 Passed ⁶	Ratio: 3.58 AA 18pt ²	Ratio: 2.97 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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