

Converting Colors - WCAG Matrix

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

Hex(F8CFD9) Hex(FFCCD9) Hex(F8D9CF) Hex(7D7074) Hex(BD002F) Hex(3D000F)

	Hex(F8CFD9)	Hex(FFCCD9)	Hex(F8D9CF)	Hex(7D7074)	Hex(BD002F)	Hex(3D000F)
Hex(F8CFD9)		Ratio: 1.00 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 3.36 AA 18pt ²	Ratio: 4.66 AA ¹ AAA 18pt ⁴	Ratio: 12.38 Passed ⁶
Hex(FFCCD9)	Ratio: 1.00 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 3.35 AA 18pt ²	Ratio: 4.65 AA ¹ AAA 18pt ⁴	Ratio: 12.35 Passed ⁶
Hex(F8D9CF)	Ratio: 1.06 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 3.56 AA 18pt ²	Ratio: 4.94 AA ¹ AAA 18pt ⁴	Ratio: 13.12 Passed ⁶
Hex(7D7074)	Ratio: 3.36 AA 18pt ²	Ratio: 3.35 AA 18pt ²	Ratio: 3.56 AA 18pt ²		Ratio: 1.39 Failed ⁵	Ratio: 3.68 AA 18pt ²
Hex(BD002F)	Ratio: 4.66 AA ¹ AAA 18pt ⁴	Ratio: 4.65 AA ¹ AAA 18pt ⁴	Ratio: 4.94 AA ¹ AAA 18pt ⁴	Ratio: 1.39 Failed ⁵		Ratio: 2.66 Failed ⁵
Hex(3D000F)	Ratio: 12.38 Passed ⁶	Ratio: 12.35 Passed ⁶	Ratio: 13.12 Passed ⁶	Ratio: 3.68 AA 18pt ²	Ratio: 2.66 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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