

Converting Colors - WCAG Matrix

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

Hex(F9D9CA) Hex(FFF5F0) Hex(F9CAEA) Hex(807977) Hex(000000) Hex(808080)

	Hex(F9D9CA)	Hex(FFF5F0)	Hex(F9CAEA)	Hex(807977)	Hex(000000)	Hex(808080)
Hex(F9D9CA)		Ratio: 1.24 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 3.21 AA 18pt ²	Ratio: 15.81 Passed ⁶	Ratio: 2.97 Failed ⁵
Hex(FFF5F0)	Ratio: 1.24 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 3.98 AA 18pt ²	Ratio: 19.57 Passed ⁶	Ratio: 3.68 AA 18pt ²
Hex(F9CAEA)	Ratio: 1.08 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 2.98 Failed ⁵	Ratio: 14.66 Passed ⁶	Ratio: 2.76 Failed ⁵
Hex(807977)	Ratio: 3.21 AA 18pt ²	Ratio: 3.98 AA 18pt ²	Ratio: 2.98 Failed ⁵		Ratio: 4.92 AA ¹ AAA 18pt ⁴	Ratio: 1.08 Failed ⁵
Hex(000000)	Ratio: 15.81 Passed ⁶	Ratio: 19.57 Passed ⁶	Ratio: 14.66 Passed ⁶	Ratio: 4.92 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.97 Failed ⁵	Ratio: 3.68 AA 18pt ²	Ratio: 2.76 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 5.32 AA ¹ AAA 18pt ⁴	

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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