

Converting Colors - WCAG Matrix

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

Hex(AFDBCA) Hex(F0FFF9) Hex(C1DBAF) Hex(77807C) Hex(000000) Hex(808080)

	Hex(AFDBCA)	Hex(F0FFF9)	Hex(C1DBAF)	Hex(77807C)	Hex(000000)	Hex(808080)
Hex(AFDBCA)		Ratio: 1.48 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 13.81 Passed ⁶	Ratio: 2.60 Failed ⁵
Hex(F0FFF9)	Ratio: 1.48 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 20.38 Passed ⁶	Ratio: 3.83 AA 18pt ²
Hex(C1DBAF)	Ratio: 1.02 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 2.72 Failed ⁵	Ratio: 14.02 Passed ⁶	Ratio: 2.64 Failed ⁵
Hex(77807C)	Ratio: 2.67 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 2.72 Failed ⁵		Ratio: 5.16 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(000000)	Ratio: 13.81 Passed ⁶	Ratio: 20.38 Passed ⁶	Ratio: 14.02 Passed ⁶	Ratio: 5.16 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.60 Failed ⁵	Ratio: 3.83 AA 18pt ²	Ratio: 2.64 Failed ⁵	Ratio: 1.03 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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