

Converting Colors - WCAG Matrix

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

Hex(A9C487) Hex(F5FFE8) Hex(C4A387) Hex(797F71) Hex(000000) Hex(808080)

	Hex(A9C487)	Hex(F5FFE8)	Hex(C4A387)	Hex(797F71)	Hex(000000)	Hex(808080)
Hex(A9C487)		Ratio: 1.86 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 10.93 Passed ⁶	Ratio: 2.06 Failed ⁵
Hex(F5FFE8)	Ratio: 1.86 Failed ⁵		Ratio: 2.28 Failed ⁵	Ratio: 4.00 AA 18pt ²	Ratio: 20.35 Passed ⁶	Ratio: 3.83 AA 18pt ²
Hex(C4A387)	Ratio: 1.22 Failed ⁵	Ratio: 2.28 Failed ⁵		Ratio: 1.76 Failed ⁵	Ratio: 8.94 Passed ⁶	Ratio: 1.68 Failed ⁵
Hex(797F71)	Ratio: 2.15 Failed ⁵	Ratio: 4.00 AA 18pt ²	Ratio: 1.76 Failed ⁵		Ratio: 5.09 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(000000)	Ratio: 10.93 Passed ⁶	Ratio: 20.35 Passed ⁶	Ratio: 8.94 Passed ⁶	Ratio: 5.09 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.06 Failed ⁵	Ratio: 3.83 AA 18pt ²	Ratio: 1.68 Failed ⁵	Ratio: 1.05 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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