

Converting Colors - WCAG Matrix

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

Hex(97CEA4) Hex(EBFFEF) Hex(C1CE97) Hex(738076) Hex(000000) Hex(808080)

	Hex(97CEA4)	Hex(EBFFEF)	Hex(C1CE97)	Hex(738076)	Hex(000000)	Hex(808080)
Hex(97CEA4)		Ratio: 1.72 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 11.68 Passed ⁶	Ratio: 2.20 Failed ⁵
Hex(EBFFEF)	Ratio: 1.72 Failed ⁵		Ratio: 1.60 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 20.08 Passed ⁶	Ratio: 3.78 AA 18pt ²
Hex(C1CE97)	Ratio: 1.07 Failed ⁵	Ratio: 1.60 Failed ⁵		Ratio: 2.47 Failed ⁵	Ratio: 12.54 Passed ⁶	Ratio: 2.36 Failed ⁵
Hex(738076)	Ratio: 2.30 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 2.47 Failed ⁵		Ratio: 5.08 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(000000)	Ratio: 11.68 Passed ⁶	Ratio: 20.08 Passed ⁶	Ratio: 12.54 Passed ⁶	Ratio: 5.08 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.20 Failed ⁵	Ratio: 3.78 AA 18pt ²	Ratio: 2.36 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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