

Converting Colors - WCAG Matrix

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

Hex(98E684) Hex(E5FFDE) Hex(E6D184) Hex(6F806B) Hex(000000) Hex(808080)

	Hex(98E684)	Hex(E5FFDE)	Hex(E6D184)	Hex(6F806B)	Hex(000000)	Hex(808080)
Hex(98E684)		Ratio: 1.41 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 13.99 Passed ⁶	Ratio: 2.63 Failed ⁵
Hex(E5FFDE)	Ratio: 1.41 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 19.69 Passed ⁶	Ratio: 3.70 AA 18pt ²
Hex(E6D184)	Ratio: 1.01 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 2.78 Failed ⁵	Ratio: 13.82 Passed ⁶	Ratio: 2.60 Failed ⁵
Hex(6F806B)	Ratio: 2.81 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 2.78 Failed ⁵		Ratio: 4.98 AA ¹ AAA 18pt ⁴	Ratio: 1.07 Failed ⁵
Hex(000000)	Ratio: 13.99 Passed ⁶	Ratio: 19.69 Passed ⁶	Ratio: 13.82 Passed ⁶	Ratio: 4.98 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.63 Failed ⁵	Ratio: 3.70 AA 18pt ²	Ratio: 2.60 Failed ⁵	Ratio: 1.07 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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