

Converting Colors - WCAG Matrix

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

Hex(97D3A4) Hex(E8FFED) Hex(C6D397) Hex(718075) Hex(000000) Hex(808080)

	Hex(97D3A4)	Hex(E8FFED)	Hex(C6D397)	Hex(718075)	Hex(000000)	Hex(808080)
Hex(97D3A4)		Ratio: 1.64 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 12.17 Passed ⁶	Ratio: 2.29 Failed ⁵
Hex(E8FFED)	Ratio: 1.64 Failed ⁵		Ratio: 1.52 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 19.96 Passed ⁶	Ratio: 3.75 AA 18pt ²
Hex(C6D397)	Ratio: 1.08 Failed ⁵	Ratio: 1.52 Failed ⁵		Ratio: 2.61 Failed ⁵	Ratio: 13.17 Passed ⁶	Ratio: 2.48 Failed ⁵
Hex(718075)	Ratio: 2.41 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 2.61 Failed ⁵		Ratio: 5.05 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(000000)	Ratio: 12.17 Passed ⁶	Ratio: 19.96 Passed ⁶	Ratio: 13.17 Passed ⁶	Ratio: 5.05 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.29 Failed ⁵	Ratio: 3.75 AA 18pt ²	Ratio: 2.48 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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