

Converting Colors - WCAG Matrix

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

Hex(9796C6) Hex(EEDFF) Hex(96C5C6) Hex(767580) Hex(000000) Hex(808080)

	Hex(9796C6)	Hex(EEDFF)	Hex(96C5C6)	Hex(767580)	Hex(000000)	Hex(808080)
Hex(9796C6)		Ratio: 2.43 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 7.49 Passed ⁶	Ratio: 1.41 Failed ⁵
Hex(EEDFF)	Ratio: 2.43 Failed ⁵		Ratio: 1.64 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 18.19 Passed ⁶	Ratio: 3.42 AA 18pt ²
Hex(96C5C6)	Ratio: 1.48 Failed ⁵	Ratio: 1.64 Failed ⁵		Ratio: 2.40 Failed ⁵	Ratio: 11.10 Passed ⁶	Ratio: 2.09 Failed ⁵
Hex(767580)	Ratio: 1.62 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 2.40 Failed ⁵		Ratio: 4.63 AA ¹ AAA 18pt ⁴	Ratio: 1.15 Failed ⁵
Hex(000000)	Ratio: 7.49 Passed ⁶	Ratio: 18.19 Passed ⁶	Ratio: 11.10 Passed ⁶	Ratio: 4.63 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.41 Failed ⁵	Ratio: 3.42 AA 18pt ²	Ratio: 2.09 Failed ⁵	Ratio: 1.15 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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