

Converting Colors - WCAG Matrix

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

	Hex(996E70)	Hex(997D80)	Hex(998C8C)	Hex(999C9C)	Hex(99ABAB)	Hex(99BAB8)	Hex(99C9C7)	Hex(99D9D6)	Hex(99E8E3)	Hex(99F7F2)
Hex(996E70)		Ratio: 1.16 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 3.11 AA 18pt ²	Ratio: 3.52 AA 18pt ²
Hex(997D80)	Ratio: 1.16 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 3.03 AA 18pt ²
Hex(998C8C)	Ratio: 1.35 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 2.61 Failed ⁵
Hex(999C9C)	Ratio: 1.58 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.23 Failed ⁵
Hex(99ABAB)	Ratio: 1.82 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.93 Failed ⁵
Hex(99BAB8)	Ratio: 2.09 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.68 Failed ⁵
Hex(99C9C7)	Ratio: 2.39 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.47 Failed ⁵
Hex(99D9D6)	Ratio: 2.75 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.28 Failed ⁵
Hex(99E8E3)	Ratio: 3.11 AA 18pt ²	Ratio: 2.68 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.13 Failed ⁵
Hex(99F7F2)	Ratio: 3.52 AA 18pt ²	Ratio: 3.03 AA 18pt ²	Ratio: 2.61 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.13 Failed ⁵	

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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