

Converting Colors - WCAG Matrix

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

	Hex(987583)	Hex(98848C)	Hex(989395)	Hex(98A39E)	Hex(98B2A7)	Hex(98C1B1)	Hex(98D0BA)	Hex(98DFC3)	Hex(98EFCC)	Hex(98FED5)
Hex(987583)		Ratio: 1.15 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 2.99 Failed ⁵	Ratio: 3.36 AA 18pt ²
Hex(98848C)	Ratio: 1.15 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 2.91 Failed ⁵
Hex(989395)	Ratio: 1.33 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 2.52 Failed ⁵
Hex(98A39E)	Ratio: 1.55 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.17 Failed ⁵
Hex(98B2A7)	Ratio: 1.78 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.89 Failed ⁵
Hex(98C1B1)	Ratio: 2.04 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.65 Failed ⁵
Hex(98D0BA)	Ratio: 2.32 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.45 Failed ⁵
Hex(98DFC3)	Ratio: 2.63 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.28 Failed ⁵
Hex(98EFCC)	Ratio: 2.99 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.12 Failed ⁵
Hex(98FED5)	Ratio: 3.36 AA 18pt ²	Ratio: 2.91 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.12 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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