

Converting Colors - WCAG Matrix

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

	Hex(98547F)	Hex(986385)	Hex(98728A)	Hex(988290)	Hex(989195)	Hex(98A09B)	Hex(98AFA1)	Hex(98BEA6)	Hex(98CEAC)	Hex(98DDB1)
Hex(98547F)		Ratio: 1.14 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 3.01 AA 18pt ²	Ratio: 3.41 AA 18pt ²
Hex(986385)	Ratio: 1.14 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 2.99 Failed ⁵
Hex(98728A)	Ratio: 1.31 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 2.61 Failed ⁵
Hex(988290)	Ratio: 1.52 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.24 Failed ⁵
Hex(989195)	Ratio: 1.74 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.95 Failed ⁵
Hex(98A09B)	Ratio: 2.00 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.70 Failed ⁵
Hex(98AFA1)	Ratio: 2.30 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.48 Failed ⁵
Hex(98BEA6)	Ratio: 2.62 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.30 Failed ⁵
Hex(98CEAC)	Ratio: 3.01 AA 18pt ²	Ratio: 2.64 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.13 Failed ⁵
Hex(98DDB1)	Ratio: 3.41 AA 18pt ²	Ratio: 2.99 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.30 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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