

Converting Colors - WCAG Matrix

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

	Hex(9C9586)	Hex(9C8F77)	Hex(9C8A67)	Hex(9C8457)	Hex(9C7F48)	Hex(9C7938)	Hex(9C7429)	Hex(9C6E19)	Hex(9C6909)	Hex(9C6600)
Hex(9C9586)		Ratio: 1.07 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.64 Failed ⁵
Hex(9C8F77)	Ratio: 1.07 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.53 Failed ⁵
Hex(9C8A67)	Ratio: 1.13 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.45 Failed ⁵
Hex(9C8457)	Ratio: 1.21 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.36 Failed ⁵
Hex(9C7F48)	Ratio: 1.27 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.28 Failed ⁵
Hex(9C7938)	Ratio: 1.36 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.21 Failed ⁵
Hex(9C7429)	Ratio: 1.43 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.15 Failed ⁵
Hex(9C6E19)	Ratio: 1.51 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.08 Failed ⁵
Hex(9C6909)	Ratio: 1.59 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.03 Failed ⁵
Hex(9C6600)	Ratio: 1.64 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.03 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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