

Converting Colors - WCAG Matrix

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

	Hex(9C877C)	Hex(9C7D6C)	Hex(9C735D)	Hex(9C684D)	Hex(9C5E3E)	Hex(9C542E)	Hex(9C4A1E)	Hex(9C3F0F)	Hex(9C3600)
Hex(9C877C)		Ratio: 1.11 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.10 Failed ⁵
Hex(9C7D6C)	Ratio: 1.11 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.89 Failed ⁵
Hex(9C735D)	Ratio: 1.23 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.71 Failed ⁵
Hex(9C684D)	Ratio: 1.37 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.53 Failed ⁵
Hex(9C5E3E)	Ratio: 1.51 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.39 Failed ⁵
Hex(9C542E)	Ratio: 1.66 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.27 Failed ⁵
Hex(9C4A1E)	Ratio: 1.81 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.16 Failed ⁵
Hex(9C3F0F)	Ratio: 1.97 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.06 Failed ⁵
Hex(9C3600)	Ratio: 2.10 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.06 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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