

Converting Colors - WCAG Matrix

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

	Hex(9D8B8A)	Hex(9D7C7A)	Hex(9D6D6B)	Hex(9D5E5B)	Hex(9D504B)	Hex(9D413B)	Hex(9D322C)	Hex(9D231C)	Hex(9D140C)	Hex(9D0800)
Hex(9D8B8A)		Ratio: 1.16 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 2.63 Failed ⁵
Hex(9D7C7A)	Ratio: 1.16 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 2.27 Failed ⁵
Hex(9D6D6B)	Ratio: 1.34 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.96 Failed ⁵
Hex(9D5E5B)	Ratio: 1.55 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.70 Failed ⁵
Hex(9D504B)	Ratio: 1.76 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.49 Failed ⁵
Hex(9D413B)	Ratio: 2.00 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.32 Failed ⁵
Hex(9D322C)	Ratio: 2.22 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.19 Failed ⁵
Hex(9D231C)	Ratio: 2.41 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.09 Failed ⁵
Hex(9D140C)	Ratio: 2.56 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.03 Failed ⁵
Hex(9D0800)	Ratio: 2.63 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.09 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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