

Converting Colors - WCAG Matrix

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

	Hex(9B8D97)	Hex(9B7D92)	Hex(9B6E8D)	Hex(9B5E88)	Hex(9B4F84)	Hex(9B3F7F)	Hex(9B307A)	Hex(9B2076)	Hex(9B1171)	Hex(9B016C)
Hex(9B8D97)		Ratio: 1.16 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 2.54 Failed ⁵
Hex(9B7D92)	Ratio: 1.16 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 2.20 Failed ⁵
Hex(9B6E8D)	Ratio: 1.33 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.92 Failed ⁵
Hex(9B5E88)	Ratio: 1.53 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.66 Failed ⁵
Hex(9B4F84)	Ratio: 1.73 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.47 Failed ⁵
Hex(9B3F7F)	Ratio: 1.95 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.30 Failed ⁵
Hex(9B307A)	Ratio: 2.15 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.18 Failed ⁵
Hex(9B2076)	Ratio: 2.32 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.09 Failed ⁵
Hex(9B1171)	Ratio: 2.45 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.04 Failed ⁵
Hex(9B016C)	Ratio: 2.54 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.04 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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