

Converting Colors - WCAG Matrix

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

	Hex(9C006D)	Hex(9C1072)	Hex(9C1F76)	Hex(9C2F7B)	Hex(9C3E80)	Hex(9C4E84)	Hex(9C5D89)	Hex(9C6D8E)	Hex(9C7C92)	Hex(9C8C97)
Hex(9C006D)		Ratio: 1.04 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 2.51 Failed ⁵
Hex(9C1072)	Ratio: 1.04 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.42 Failed ⁵
Hex(9C1F76)	Ratio: 1.09 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.30 Failed ⁵
Hex(9C2F7B)	Ratio: 1.18 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.13 Failed ⁵
Hex(9C3E80)	Ratio: 1.30 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.94 Failed ⁵
Hex(9C4E84)	Ratio: 1.46 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.72 Failed ⁵
Hex(9C5D89)	Ratio: 1.65 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.52 Failed ⁵
Hex(9C6D8E)	Ratio: 1.89 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.32 Failed ⁵
Hex(9C7C92)	Ratio: 2.17 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.16 Failed ⁵
Hex(9C8C97)	Ratio: 2.51 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.16 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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