

Converting Colors - WCAG Matrix

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

	Hex(9A8E84)	Hex(9A9693)	Hex(9A9FA3)	Hex(9AA7B2)	Hex(9AB0C2)	Hex(9AB8D1)	Hex(9AC0E0)	Hex(9AC9F0)	Hex(9AD1FF)	Hex(9AD9FF)
Hex(9A8E84)		Ratio: 1.09 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.09 Failed ⁵
Hex(9A9693)	Ratio: 1.09 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.92 Failed ⁵
Hex(9A9FA3)	Ratio: 1.20 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.75 Failed ⁵
Hex(9AA7B2)	Ratio: 1.30 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.61 Failed ⁵
Hex(9AB0C2)	Ratio: 1.42 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.47 Failed ⁵
Hex(9AB8D1)	Ratio: 1.54 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.35 Failed ⁵
Hex(9AC0E0)	Ratio: 1.67 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.25 Failed ⁵
Hex(9AC9F0)	Ratio: 1.82 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.15 Failed ⁵
Hex(9AD1FF)	Ratio: 1.97 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.06 Failed ⁵
Hex(9AD9FF)	Ratio: 2.09 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.15 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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