

Converting Colors - WCAG Matrix

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

	Hex(9B6852)	Hex(9B7362)	Hex(9B7E71)	Hex(9B8881)	Hex(9B9390)	Hex(9B9EA0)	Hex(9BA8AF)	Hex(9BB5BE)	Hex(9BBFCE)	Hex(9BCBDE)
Hex(9B6852)		Ratio: 1.12 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 2.67 Failed ⁵
Hex(9B7362)	Ratio: 1.12 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 2.39 Failed ⁵
Hex(9B7E71)	Ratio: 1.25 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.13 Failed ⁵
Hex(9B8881)	Ratio: 1.39 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.92 Failed ⁵
Hex(9B9390)	Ratio: 1.55 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.72 Failed ⁵
Hex(9B9EA0)	Ratio: 1.73 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.54 Failed ⁵
Hex(9BA8AF)	Ratio: 1.92 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.39 Failed ⁵
Hex(9BB5BE)	Ratio: 2.17 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.23 Failed ⁵
Hex(9BBFCE)	Ratio: 2.39 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.12 Failed ⁵
Hex(9BCBDE)	Ratio: 2.67 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.12 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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