

Converting Colors - WCAG Matrix

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

	Hex(A97F88)	Hex(A99095)	Hex(A9A1A3)	Hex(A9B2B0)	Hex(A9C3BC)	Hex(A9D3C9)	Hex(A9E4D7)	Hex(A9F5E7)	Hex(A9FFF0)	Hex(A9FFFF)
Hex(A97F88)		Ratio: 1.17 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 2.78 Failed ⁵	Ratio: 3.00 AA 18pt ²	Ratio: 3.03 AA 18pt ²
Hex(A99095)	Ratio: 1.17 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 2.59 Failed ⁵
Hex(A9A1A3)	Ratio: 1.37 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 2.22 Failed ⁵
Hex(A9B2B0)	Ratio: 1.59 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.90 Failed ⁵
Hex(A9C3BC)	Ratio: 1.85 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.64 Failed ⁵
Hex(A9D3C9)	Ratio: 2.11 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.43 Failed ⁵
Hex(A9E4D7)	Ratio: 2.43 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.25 Failed ⁵
Hex(A9F5E7)	Ratio: 2.78 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.09 Failed ⁵
Hex(A9FFF0)	Ratio: 3.00 AA 18pt ²	Ratio: 2.57 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(A9FFFF)	Ratio: 3.03 AA 18pt ²	Ratio: 2.59 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.01 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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