

Converting Colors - WCAG Matrix

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

	Hex(9A3433)	Hex(9A4343)	Hex(9A5252)	Hex(9A6262)	Hex(9A7171)	Hex(9A8180)	Hex(9A9090)	Hex(9A9F9F)	Hex(9AAFAF)	Hex(9ABEBE)
Hex(9A3433)		Ratio: 1.12 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 3.13 AA 18pt ²	Ratio: 3.60 AA 18pt ²
Hex(9A4343)	Ratio: 1.12 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 3.22 AA 18pt ²
Hex(9A5252)	Ratio: 1.27 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 2.83 Failed ⁵
Hex(9A6262)	Ratio: 1.48 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 2.44 Failed ⁵
Hex(9A7171)	Ratio: 1.71 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.11 Failed ⁵
Hex(9A8180)	Ratio: 2.00 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.80 Failed ⁵
Hex(9A9090)	Ratio: 2.32 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.55 Failed ⁵
Hex(9A9F9F)	Ratio: 2.69 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.34 Failed ⁵
Hex(9AAFAF)	Ratio: 3.13 AA 18pt ²	Ratio: 2.80 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.15 Failed ⁵
Hex(9ABEBE)	Ratio: 3.60 AA 18pt ²	Ratio: 3.22 AA 18pt ²	Ratio: 2.83 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.15 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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