

Converting Colors - WCAG Matrix

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

Hex(A9A5A5) Hex(A9B6B6) Hex(A9C7C7) Hex(A9D8D8) Hex(A9E9E9) Hex(A9F9F9) Hex(A9FFFF)

	Hex(A9A5A5)	Hex(A9B6B6)	Hex(A9C7C7)	Hex(A9D8D8)	Hex(A9E9E9)	Hex(A9F9F9)	Hex(A9FFFF)
Hex(A9A5A5)		Ratio: 1.17 Failed⁵	Ratio: 1.36 Failed⁵	Ratio: 1.57 Failed⁵	Ratio: 1.80 Failed⁵	Ratio: 2.04 Failed⁵	Ratio: 2.14 Failed⁵
Hex(A9B6B6)	Ratio: 1.17 Failed⁵		Ratio: 1.16 Failed⁵	Ratio: 1.34 Failed⁵	Ratio: 1.54 Failed⁵	Ratio: 1.75 Failed⁵	Ratio: 1.83 Failed⁵
Hex(A9C7C7)	Ratio: 1.36 Failed⁵	Ratio: 1.16 Failed⁵		Ratio: 1.16 Failed⁵	Ratio: 1.33 Failed⁵	Ratio: 1.51 Failed⁵	Ratio: 1.58 Failed⁵
Hex(A9D8D8)	Ratio: 1.57 Failed⁵	Ratio: 1.34 Failed⁵	Ratio: 1.16 Failed⁵		Ratio: 1.15 Failed⁵	Ratio: 1.30 Failed⁵	Ratio: 1.37 Failed⁵
Hex(A9E9E9)	Ratio: 1.80 Failed⁵	Ratio: 1.54 Failed⁵	Ratio: 1.33 Failed⁵	Ratio: 1.15 Failed⁵		Ratio: 1.13 Failed⁵	Ratio: 1.19 Failed⁵
Hex(A9F9F9)	Ratio: 2.04 Failed⁵	Ratio: 1.75 Failed⁵	Ratio: 1.51 Failed⁵	Ratio: 1.30 Failed⁵	Ratio: 1.13 Failed⁵		Ratio: 1.05 Failed⁵
Hex(A9FFFF)	Ratio: 2.14 Failed⁵	Ratio: 1.83 Failed⁵	Ratio: 1.58 Failed⁵	Ratio: 1.37 Failed⁵	Ratio: 1.19 Failed⁵	Ratio: 1.05 Failed⁵	

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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