

Converting Colors - WCAG Matrix

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

	Hex(9C2BA6)	Hex(9E3DA6)	Hex(9E4DA6)	Hex(A15CA6)	Hex(A16EA6)	Hex(A37DA6)	Hex(A38FA6)	Hex(A69EA6)	Hex(A6B0A6)	Hex(A8C2A6)
Hex(9C2BA6)		Ratio: 1.11 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 3.30 AA 18pt ²
Hex(9E3DA6)	Ratio: 1.11 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 2.98 Failed ⁵
Hex(9E4DA6)	Ratio: 1.23 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 2.69 Failed ⁵
Hex(A15CA6)	Ratio: 1.39 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.38 Failed ⁵
Hex(A16EA6)	Ratio: 1.60 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.06 Failed ⁵
Hex(A37DA6)	Ratio: 1.83 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.81 Failed ⁵
Hex(A38FA6)	Ratio: 2.13 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.55 Failed ⁵
Hex(A69EA6)	Ratio: 2.44 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.36 Failed ⁵
Hex(A6B0A6)	Ratio: 2.83 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.17 Failed ⁵
Hex(A8C2A6)	Ratio: 3.30 AA 18pt ²	Ratio: 2.98 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.17 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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