

Converting Colors - WCAG Matrix

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

	Hex(AB97CA)	Hex(9F83CA)	Hex(926FCA)	Hex(865ACA)	Hex(7A46CA)	Hex(6E32CA)	Hex(611ECA)	Hex(550ACA)	Hex(4F00CA)
Hex(AB97CA)		Ratio: 1.22 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 3.15 AA 18pt ²	Ratio: 3.51 AA 18pt ²	Ratio: 3.67 AA 18pt ²
Hex(9F83CA)	Ratio: 1.22 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 2.88 Failed ⁵	Ratio: 3.01 AA 18pt ²
Hex(926FCA)	Ratio: 1.50 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 2.45 Failed ⁵
Hex(865ACA)	Ratio: 1.85 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.98 Failed ⁵
Hex(7A46CA)	Ratio: 2.25 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.63 Failed ⁵
Hex(6E32CA)	Ratio: 2.70 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.36 Failed ⁵
Hex(611ECA)	Ratio: 3.15 AA 18pt ²	Ratio: 2.58 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.17 Failed ⁵
Hex(550ACA)	Ratio: 3.51 AA 18pt ²	Ratio: 2.88 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.04 Failed ⁵
Hex(4F00CA)	Ratio: 3.67 AA 18pt ²	Ratio: 3.01 AA 18pt ²	Ratio: 2.45 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.04 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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