Converting Colors - WCAG Matrix

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

	Hex(926EAD)	Hex(8B5DAD)	Hex(834BAD)	Hex(7C3AAD)	Hex(7429AD)	Hex(6D18AD)	Hex(6606AD)	Hex(6300AD)
Hex(926EAD)		Ratio: 1.18 Failed [5]	Ratio: 1.41 Failed [5]	Ratio: 1.65 Failed [5]	Ratio: 1.90 Failed [5]	Ratio: 2.12 Failed [5]	Ratio: 2.30 Failed [5]	Ratio: 2.37 Failed [5]
Hex(8B5DAD)	Ratio: 1.18 Failed [5]		Ratio: 1.19 Failed [5]	Ratio: 1.39 Failed [5]	Ratio: 1.60 Failed [5]	Ratio: 1.79 Failed [5]	Ratio: 1.94 Failed [5]	Ratio: 2.00 Failed [5]
Hex(834BAD)	Ratio: 1.41 Failed [5]	Ratio: 1.19 Failed [5]		Ratio: 1.17 Failed [5]	Ratio: 1.34 Failed [5]	Ratio: 1.50 Failed [5]	Ratio: 1.63 Failed [5]	Ratio: 1.68 Failed [5]
Hex(7C3AAD)	Ratio: 1.65 Failed [5]	Ratio: 1.39 Failed [5]	Ratio: 1.17 Failed [5]		Ratio: 1.15 Failed [5]	Ratio: 1.29 Failed [5]	Ratio: 1.40 Failed [5]	Ratio: 1.44 Failed [5]
Hex(7429AD)	Ratio: 1.90 Failed [5]	Ratio: 1.60 Failed [5]	Ratio: 1.34 Failed [5]	Ratio: 1.15 Failed [5]		Ratio: 1.12 Failed [5]	Ratio: 1.21 Failed [5]	Ratio: 1.25 Failed [5]
Hex(6D18AD)	Ratio: 2.12 Failed [5]	Ratio: 1.79 Failed [5]	Ratio: 1.50 Failed [5]	Ratio: 1.29 Failed [5]	Ratio: 1.12 Failed [5]		Ratio: 1.09 Failed [5]	Ratio: 1.12 Failed [5]
Hex(6606AD)	Ratio: 2.30 Failed [5]	Ratio: 1.94 Failed [5]	Ratio: 1.63 Failed [5]	Ratio: 1.40 Failed [5]	Ratio: 1.21 Failed [5]	Ratio: 1.09 Failed [5]		Ratio: 1.03 Failed [5]
Hex(6300AD)	Ratio: 2.37 Failed [5]	Ratio: 2.00 Failed [5]	Ratio: 1.68 Failed [5]	Ratio: 1.44 Failed [5]	Ratio: 1.25 Failed [5]	Ratio: 1.12 Failed [5]	Ratio: 1.03 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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