

Converting Colors - WCAG Matrix

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

	Hex(926EAD)	Hex(8B5DAD)	Hex(834BAD)	Hex(7C3AAD)	Hex(7429AD)	Hex(6D17AD)	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: 2.13 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: 1.80 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(6D17AD)	Ratio: 2.13 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.11 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: 1.08 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: 1.11 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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