

Converting Colors - WCAG Matrix

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

Hex(8477AB) Hex(A28EDE) Hex(9D77AB) Hex(4E4C54) Hex(250094) Hex(050014)

	Hex(8477AB)	Hex(A28EDE)	Hex(9D77AB)	Hex(4E4C54)	Hex(250094)	Hex(050014)
Hex(8477AB)		Ratio: 1.43 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 3.46 AA 18pt ²	Ratio: 5.12 AA ¹ AAA 18pt ⁴
Hex(A28EDE)	Ratio: 1.43 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 3.00 AA 18pt ²	Ratio: 4.95 AA ¹ AAA 18pt ⁴	Ratio: 7.34 Passed ⁶
Hex(9D77AB)	Ratio: 1.09 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 2.28 Failed ⁵	Ratio: 3.76 AA 18pt ²	Ratio: 5.57 AA ¹ AAA 18pt ⁴
Hex(4E4C54)	Ratio: 2.10 Failed ⁵	Ratio: 3.00 AA 18pt ²	Ratio: 2.28 Failed ⁵		Ratio: 1.65 Failed ⁵	Ratio: 2.45 Failed ⁵
Hex(250094)	Ratio: 3.46 AA 18pt ²	Ratio: 4.95 AA ¹ AAA 18pt ⁴	Ratio: 3.76 AA 18pt ²	Ratio: 1.65 Failed ⁵		Ratio: 1.48 Failed ⁵
Hex(050014)	Ratio: 5.12 AA ¹ AAA 18pt ⁴	Ratio: 7.34 Passed ⁶	Ratio: 5.57 AA ¹ AAA 18pt ⁴	Ratio: 2.45 Failed ⁵	Ratio: 1.48 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.

This PDF was generated on convertingcolors.com.