

Converting Colors - WCAG Matrix

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

Hex(A66FA6) Hex(D982D9) Hex(A68A6F) Hex(544C54) Hex(940094) Hex(140014)

	Hex(A66FA6)	Hex(D982D9)	Hex(A68A6F)	Hex(544C54)	Hex(940094)	Hex(140014)
Hex(A66FA6)		Ratio: 1.50 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 5.24 AA ¹ AAA 18pt ⁴
Hex(D982D9)	Ratio: 1.50 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 3.21 AA 18pt ²	Ratio: 3.03 AA 18pt ²	Ratio: 7.83 Passed ⁶
Hex(A68A6F)	Ratio: 1.19 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 2.55 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 6.24 AA ¹ AAA 18pt ⁴
Hex(544C54)	Ratio: 2.15 Failed ⁵	Ratio: 3.21 AA 18pt ²	Ratio: 2.55 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 2.44 Failed ⁵
Hex(940094)	Ratio: 2.03 Failed ⁵	Ratio: 3.03 AA 18pt ²	Ratio: 2.41 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 2.58 Failed ⁵
Hex(140014)	Ratio: 5.24 AA ¹ AAA 18pt ⁴	Ratio: 7.83 Passed ⁶	Ratio: 6.24 AA ¹ AAA 18pt ⁴	Ratio: 2.44 Failed ⁵	Ratio: 2.58 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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