

Converting Colors - WCAG Matrix

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

Hex(A567A2) Hex(D676D2) Hex(A56784) Hex(524951) Hex(91008A) Hex(120011)

	Hex(A567A2)	Hex(D676D2)	Hex(A56784)	Hex(524951)	Hex(91008A)	Hex(120011)
Hex(A567A2)		Ratio: 1.46 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 4.90 AA ¹ AAA 18pt ⁴
Hex(D676D2)	Ratio: 1.46 Failed ⁵		Ratio: 1.51 Failed ⁵	Ratio: 3.04 AA 18pt ²	Ratio: 2.87 Failed ⁵	Ratio: 7.14 Passed ⁶
Hex(A56784)	Ratio: 1.04 Failed ⁵	Ratio: 1.51 Failed ⁵		Ratio: 2.00 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 4.71 AA ¹ AAA 18pt ⁴
Hex(524951)	Ratio: 2.08 Failed ⁵	Ratio: 3.04 AA 18pt ²	Ratio: 2.00 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 2.35 Failed ⁵
Hex(91008A)	Ratio: 1.97 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 2.49 Failed ⁵
Hex(120011)	Ratio: 4.90 AA ¹ AAA 18pt ⁴	Ratio: 7.14 Passed ⁶	Ratio: 4.71 AA ¹ AAA 18pt ⁴	Ratio: 2.35 Failed ⁵	Ratio: 2.49 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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