

Converting Colors - WCAG Matrix

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

Hex(A1879A) Hex(D1A9C6) Hex(87A19B) Hex(52494F) Hex(91006A) Hex(12000D)

	Hex(A1879A)	Hex(D1A9C6)	Hex(87A19B)	Hex(52494F)	Hex(91006A)	Hex(12000D)
Hex(A1879A)		Ratio: 1.58 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 6.25 AA ¹ AAA 18pt ⁴
Hex(D1A9C6)	Ratio: 1.58 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 4.21 AA 18pt ²	Ratio: 4.23 AA 18pt ²	Ratio: 9.89 Passed ⁶
Hex(87A19B)	Ratio: 1.18 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 3.14 AA 18pt ²	Ratio: 3.15 AA 18pt ²	Ratio: 7.37 Passed ⁶
Hex(52494F)	Ratio: 2.66 Failed ⁵	Ratio: 4.21 AA 18pt ²	Ratio: 3.14 AA 18pt ²		Ratio: 1.01 Failed ⁵	Ratio: 2.35 Failed ⁵
Hex(91006A)	Ratio: 2.67 Failed ⁵	Ratio: 4.23 AA 18pt ²	Ratio: 3.15 AA 18pt ²	Ratio: 1.01 Failed ⁵		Ratio: 2.34 Failed ⁵
Hex(12000D)	Ratio: 6.25 AA ¹ AAA 18pt ⁴	Ratio: 9.89 Passed ⁶	Ratio: 7.37 Passed ⁶	Ratio: 2.35 Failed ⁵	Ratio: 2.34 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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