

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(A17A98) Hex(D194C3) Hex(85A17A) Hex(524950) Hex(910070) Hex(12000E)

Hex(A17A98)		Ratio: 1.52 Failed⁵	Ratio: 1.28 Failed⁵	Ratio: 2.37 Failed⁵	Ratio: 2.36 Failed⁵
Hex(D194C3)	Ratio: 1.52 Failed⁵		Ratio: 1.18 Failed⁵	Ratio: 3.60 AA 18pt²	Ratio: 3.58 AA 18pt²
Hex(85A17A)	Ratio: 1.28 Failed⁵	Ratio: 1.18 Failed⁵		Ratio: 3.04 AA 18pt²	Ratio: 3.03 AA 18pt²
Hex(524950)	Ratio: 2.37 Failed⁵	Ratio: 3.60 AA 18pt²	Ratio: 3.04 AA 18pt²		Ratio: 1.00 Failed⁵
Hex(910070)	Ratio: 2.36 Failed⁵	Ratio: 3.58 AA 18pt²	Ratio: 3.03 AA 18pt²	Ratio: 1.00 Failed⁵	
Hex(12000E)	Ratio: 5.57 AA¹ AAA 18pt⁴	Ratio: 8.46 Passed⁶	Ratio: 7.15 Passed⁶	Ratio: 2.35 Failed⁵	Ratio: 2.36 Failed⁵

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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