

Converting Colors - WCAG Matrix

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

Hex(A68D9F) Hex(D9B2CE) Hex(A68D93) Hex(544C52) Hex(94006C) Hex(14000F)

	Hex(A68D9F)	Hex(D9B2CE)	Hex(A68D93)	Hex(544C52)	Hex(94006C)	Hex(14000F)
Hex(A68D9F)		Ratio: 1.62 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 6.69 AA ¹ AAA 18pt ⁴
Hex(D9B2CE)	Ratio: 1.62 Failed ⁵		Ratio: 1.64 Failed ⁵	Ratio: 4.43 AA 18pt ²	Ratio: 4.53 AA ¹ AAA 18pt ⁴	Ratio: 10.81 Passed ⁶
Hex(A68D93)	Ratio: 1.01 Failed ⁵	Ratio: 1.64 Failed ⁵		Ratio: 2.71 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 6.61 AA ¹ AAA 18pt ⁴
Hex(544C52)	Ratio: 2.74 Failed ⁵	Ratio: 4.43 AA 18pt ²	Ratio: 2.71 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 2.44 Failed ⁵
Hex(94006C)	Ratio: 2.80 Failed ⁵	Ratio: 4.53 AA ¹ AAA 18pt ⁴	Ratio: 2.77 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 2.39 Failed ⁵
Hex(14000F)	Ratio: 6.69 AA ¹ AAA 18pt ⁴	Ratio: 10.81 Passed ⁶	Ratio: 6.61 AA ¹ AAA 18pt ⁴	Ratio: 2.44 Failed ⁵	Ratio: 2.39 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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