

Converting Colors - WCAG Matrix

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

Hex(A64B68) Hex(D94A79) Hex(4B97A6) Hex(544C4E) Hex(940030) Hex(140007)

	Hex(A64B68)	Hex(D94A79)	Hex(4B97A6)	Hex(544C4E)	Hex(940030)	Hex(140007)
Hex(A64B68)		Ratio: 1.36 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 3.71 AA 18pt ²
Hex(D94A79)	Ratio: 1.36 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 5.04 AA ¹ AAA 18pt ⁴
Hex(4B97A6)	Ratio: 1.64 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 2.49 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 6.08 AA ¹ AAA 18pt ⁴
Hex(544C4E)	Ratio: 1.52 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.49 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 2.44 Failed ⁵
Hex(940030)	Ratio: 1.66 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 2.23 Failed ⁵
Hex(140007)	Ratio: 3.71 AA 18pt ²	Ratio: 5.04 AA ¹ AAA 18pt ⁴	Ratio: 6.08 AA ¹ AAA 18pt ⁴	Ratio: 2.44 Failed ⁵	Ratio: 2.23 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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