

Converting Colors - WCAG Matrix

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

Hex(9C545C) Hex(9C454F) Hex(9C3640) Hex(9C2633) Hex(9C1724) Hex(9C0517) Hex(9C0012)

	Hex(9C545C)	Hex(9C454F)	Hex(9C3640)	Hex(9C2633)	Hex(9C1724)	Hex(9C0517)	Hex(9C0012)
Hex(9C545C)		Ratio: 1.14 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.58 Failed ⁵
Hex(9C454F)	Ratio: 1.14 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.39 Failed ⁵
Hex(9C3640)	Ratio: 1.27 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.24 Failed ⁵
Hex(9C2633)	Ratio: 1.40 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.13 Failed ⁵
Hex(9C1724)	Ratio: 1.50 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.06 Failed ⁵
Hex(9C0517)	Ratio: 1.57 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(9C0012)	Ratio: 1.58 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.01 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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