

Converting Colors - WCAG Matrix

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

Hex(AA979A) Hex(DEC1C6) Hex(A4AA97) Hex(544C4D) Hex(940017) Hex(140003)

	Hex(AA979A)	Hex(DEC1C6)	Hex(A4AA97)	Hex(544C4D)	Hex(940017)	Hex(140003)
Hex(AA979A)		Ratio: 1.65 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 3.02 AA 18pt ²	Ratio: 3.35 AA 18pt ²	Ratio: 7.37 Passed ⁶
Hex(DEC1C6)	Ratio: 1.65 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 4.98 AA ¹ AAA 18pt ⁴	Ratio: 5.52 AA ¹ AAA 18pt ⁴	Ratio: 12.17 Passed ⁶
Hex(A4AA97)	Ratio: 1.15 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 3.48 AA 18pt ²	Ratio: 3.86 AA 18pt ²	Ratio: 8.51 Passed ⁶
Hex(544C4D)	Ratio: 3.02 AA 18pt ²	Ratio: 4.98 AA ¹ AAA 18pt ⁴	Ratio: 3.48 AA 18pt ²		Ratio: 1.11 Failed ⁵	Ratio: 2.44 Failed ⁵
Hex(940017)	Ratio: 3.35 AA 18pt ²	Ratio: 5.52 AA ¹ AAA 18pt ⁴	Ratio: 3.86 AA 18pt ²	Ratio: 1.11 Failed ⁵		Ratio: 2.20 Failed ⁵
Hex(140003)	Ratio: 7.37 Passed ⁶	Ratio: 12.17 Passed ⁶	Ratio: 8.51 Passed ⁶	Ratio: 2.44 Failed ⁵	Ratio: 2.20 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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