

Converting Colors - WCAG Matrix

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

Hex(A8115C) Hex(DB006D) Hex(11A8A8) Hex(544C50) Hex(940049) Hex(14000A)

	Hex(A8115C)	Hex(DB006D)	Hex(11A8A8)	Hex(544C50)	Hex(940049)	Hex(14000A)
Hex(A8115C)		Ratio: 1.46 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 2.80 Failed ⁵
Hex(DB006D)	Ratio: 1.46 Failed ⁵		Ratio: 1.70 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 4.09 AA 18pt ²
Hex(11A8A8)	Ratio: 2.48 Failed ⁵	Ratio: 1.70 Failed ⁵		Ratio: 2.85 Failed ⁵	Ratio: 3.05 AA 18pt ²	Ratio: 6.95 AA ¹ AAA 18pt ⁴
Hex(544C50)	Ratio: 1.15 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 2.85 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 2.44 Failed ⁵
Hex(940049)	Ratio: 1.23 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 3.05 AA 18pt ²	Ratio: 1.07 Failed ⁵		Ratio: 2.28 Failed ⁵
Hex(14000A)	Ratio: 2.80 Failed ⁵	Ratio: 4.09 AA 18pt ²	Ratio: 6.95 AA ¹ AAA 18pt ⁴	Ratio: 2.44 Failed ⁵	Ratio: 2.28 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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