

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(A80070) Hex(DB0092) Hex(A88C00) Hex(544C51) Hex(940062) Hex(14000E)

	Hex(A80070)	Hex(DB0092)	Hex(A88C00)	Hex(544C51)	Hex(940062)	Hex(14000E)
Hex(A80070)		Ratio: 1.53 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 2.80 Failed ⁵
Hex(DB0092)	Ratio: 1.53 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 4.27 AA 18pt ²
Hex(A88C00)	Ratio: 2.21 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 2.54 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 6.19 AA ¹ AAA 18pt ⁴
Hex(544C51)	Ratio: 1.15 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 2.54 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 2.44 Failed ⁵
Hex(940062)	Ratio: 1.19 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 2.35 Failed ⁵
Hex(14000E)	Ratio: 2.80 Failed ⁵	Ratio: 4.27 AA 18pt ²	Ratio: 6.19 AA ¹ AAA 18pt ⁴	Ratio: 2.44 Failed ⁵	Ratio: 2.35 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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