

Converting Colors - WCAG Matrix

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

Hex(A9005D) Hex(DB0079) Hex(A99E00) Hex(544C50) Hex(940051) Hex(14000B)

	Hex(A9005D)	Hex(DB0079)	Hex(A99E00)	Hex(544C50)	Hex(940051)	Hex(14000B)
Hex(A9005D)		Ratio: 1.51 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 2.75 Failed ⁵
Hex(DB0079)	Ratio: 1.51 Failed ⁵		Ratio: 1.77 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 4.14 AA 18pt ²
Hex(A99E00)	Ratio: 2.66 Failed ⁵	Ratio: 1.77 Failed ⁵		Ratio: 3.00 AA 18pt ²	Ratio: 3.19 AA 18pt ²	Ratio: 7.32 Passed ⁶
Hex(544C50)	Ratio: 1.13 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 3.00 AA 18pt ²		Ratio: 1.06 Failed ⁵	Ratio: 2.44 Failed ⁵
Hex(940051)	Ratio: 1.20 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 3.19 AA 18pt ²	Ratio: 1.06 Failed ⁵		Ratio: 2.30 Failed ⁵
Hex(14000B)	Ratio: 2.75 Failed ⁵	Ratio: 4.14 AA 18pt ²	Ratio: 7.32 Passed ⁶	Ratio: 2.44 Failed ⁵	Ratio: 2.30 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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