

Converting Colors - WCAG Matrix

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

Hex(A5009E) Hex(D600CD) Hex(A55800) Hex(524951) Hex(91008B) Hex(120011)

	Hex(A5009E)	Hex(D600CD)	Hex(A55800)	Hex(524951)	Hex(91008B)	Hex(120011)
Hex(A5009E)		Ratio: 1.53 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 2.99 Failed ⁵
Hex(D600CD)	Ratio: 1.53 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 4.59 AA ¹ AAA 18pt ⁴
Hex(A55800)	Ratio: 1.29 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.64 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 3.87 AA 18pt ²
Hex(524951)	Ratio: 1.27 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.64 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 2.35 Failed ⁵
Hex(91008B)	Ratio: 1.20 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 2.49 Failed ⁵
Hex(120011)	Ratio: 2.99 Failed ⁵	Ratio: 4.59 AA ¹ AAA 18pt ⁴	Ratio: 3.87 AA 18pt ²	Ratio: 2.35 Failed ⁵	Ratio: 2.49 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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