

Converting Colors - WCAG Matrix

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

Hex(990061) Hex(C7007E) Hex(990017) Hex(4D454A) Hex(8C0059) Hex(0D0008)

	Hex(990061)	Hex(C7007E)	Hex(990017)	Hex(4D454A)	Hex(8C0059)	Hex(0D0008)
Hex(990061)		Ratio: 1.48 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 2.48 Failed ⁵
Hex(C7007E)	Ratio: 1.48 Failed ⁵		Ratio: 1.58 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 3.65 AA 18pt ²
Hex(990017)	Ratio: 1.07 Failed ⁵	Ratio: 1.58 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 2.32 Failed ⁵
Hex(4D454A)	Ratio: 1.12 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 2.22 Failed ⁵
Hex(8C0059)	Ratio: 1.12 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 2.21 Failed ⁵
Hex(0D0008)	Ratio: 2.48 Failed ⁵	Ratio: 3.65 AA 18pt ²	Ratio: 2.32 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 2.21 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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