

Converting Colors - WCAG Matrix

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

Hex(B50072) Hex(EB0094) Hex(B59D00) Hex(5C5358) Hex(9C0062) Hex(1C0012)

	Hex(B50072)	Hex(EB0094)	Hex(B59D00)	Hex(5C5358)	Hex(9C0062)	Hex(1C0012)
Hex(B50072)		Ratio: 1.55 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 3.03 AA 18pt ²
Hex(EB0094)	Ratio: 1.55 Failed ⁵		Ratio: 1.57 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 4.69 AA ¹ AAA 18pt ⁴
Hex(B59D00)	Ratio: 2.43 Failed ⁵	Ratio: 1.57 Failed ⁵		Ratio: 2.75 Failed ⁵	Ratio: 3.01 AA 18pt ²	Ratio: 7.36 Passed ⁶
Hex(5C5358)	Ratio: 1.13 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 2.75 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 2.68 Failed ⁵
Hex(9C0062)	Ratio: 1.24 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 3.01 AA 18pt ²	Ratio: 1.09 Failed ⁵		Ratio: 2.45 Failed ⁵
Hex(1C0012)	Ratio: 3.03 AA 18pt ²	Ratio: 4.69 AA ¹ AAA 18pt ⁴	Ratio: 7.36 Passed ⁶	Ratio: 2.68 Failed ⁵	Ratio: 2.45 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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