

Converting Colors - WCAG Matrix

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

Hex(090508) Hex(0D060B) Hex(090506) Hex(050505) Hex(450034) Hex(C40093)

	Hex(090508)	Hex(0D060B)	Hex(090506)	Hex(050505)	Hex(450034)	Hex(C40093)
Hex(090508)		Ratio: 1.01 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 3.63 AA 18pt ²
Hex(0D060B)	Ratio: 1.01 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 3.60 AA 18pt ²
Hex(090506)	Ratio: 1.00 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 3.64 AA 18pt ²
Hex(050505)	Ratio: 1.01 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 3.66 AA 18pt ²
Hex(450034)	Ratio: 1.26 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 2.89 Failed ⁵
Hex(C40093)	Ratio: 3.63 AA 18pt ²	Ratio: 3.60 AA 18pt ²	Ratio: 3.64 AA 18pt ²	Ratio: 3.66 AA 18pt ²	Ratio: 2.89 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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