

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(0A030B) Hex(0B010D) Hex(0B0308) Hex(050505) Hex(3A0045) Hex(A600C4)

	Hex(0A030B)	Hex(0B010D)	Hex(0B0308)	Hex(050505)	Hex(3A0045)	Hex(A600C4)
Hex(0A030B)		Ratio: 1.01 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 3.32 AA 18pt ²
Hex(0B010D)	Ratio: 1.01 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 3.34 AA 18pt ²
Hex(0B0308)	Ratio: 1.00 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 3.32 AA 18pt ²
Hex(050505)	Ratio: 1.00 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 3.32 AA 18pt ²
Hex(3A0045)	Ratio: 1.23 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 2.70 Failed ⁵
Hex(A600C4)	Ratio: 3.32 AA 18pt ²	Ratio: 3.34 AA 18pt ²	Ratio: 3.32 AA 18pt ²	Ratio: 3.32 AA 18pt ²	Ratio: 2.70 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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