

Converting Colors - WCAG Matrix

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

Hex(04000B) Hex(05000D) Hex(09000B) Hex(050505) Hex(190045) Hex(4700C4)

	Hex(04000B)	Hex(05000D)	Hex(09000B)	Hex(050505)	Hex(190045)	Hex(4700C4)
Hex(04000B)		Ratio: 1.00 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 2.04 Failed ⁵
Hex(05000D)	Ratio: 1.00 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 2.04 Failed ⁵
Hex(09000B)	Ratio: 1.01 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 2.03 Failed ⁵
Hex(050505)	Ratio: 1.02 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 2.00 Failed ⁵
Hex(190045)	Ratio: 1.12 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.83 Failed ⁵
Hex(4700C4)	Ratio: 2.04 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.83 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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