

Converting Colors - WCAG Matrix

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

Hex(08081C) Hex(050524) Hex(12081C) Hex(0B0B0D) Hex(00004D) Hex(0000CC)

	Hex(08081C)	Hex(050524)	Hex(12081C)	Hex(0B0B0D)	Hex(00004D)	Hex(0000CC)
Hex(08081C)		Ratio: 1.01 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.76 Failed ⁵
Hex(050524)	Ratio: 1.01 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.78 Failed ⁵
Hex(12081C)	Ratio: 1.01 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.74 Failed ⁵
Hex(0B0B0D)	Ratio: 1.01 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.75 Failed ⁵
Hex(00004D)	Ratio: 1.04 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.69 Failed ⁵
Hex(0000CC)	Ratio: 1.76 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.69 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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