

Converting Colors - WCAG Matrix

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

Hex(050617) Hex(02031F) Hex(0D0517) Hex(0B0C0D) Hex(00044D) Hex(000BCC)

	Hex(050617)	Hex(02031F)	Hex(0D0517)	Hex(0B0C0D)	Hex(00044D)	Hex(000BCC)
Hex(050617)		Ratio: 1.01 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.84 Failed ⁵
Hex(02031F)	Ratio: 1.01 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.85 Failed ⁵
Hex(0D0517)	Ratio: 1.01 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.83 Failed ⁵
Hex(0B0C0D)	Ratio: 1.03 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.79 Failed ⁵
Hex(00044D)	Ratio: 1.08 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.71 Failed ⁵
Hex(000BCC)	Ratio: 1.84 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.71 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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