

Converting Colors - WCAG Matrix

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

Hex(00030A) Hex(00040D) Hex(02000A) Hex(050505) Hex(001545) Hex(003BC4)

	Hex(00030A)	Hex(00040D)	Hex(02000A)	Hex(050505)	Hex(001545)	Hex(003BC4)
Hex(00030A)		Ratio: 1.01 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 2.38 Failed ⁵
Hex(00040D)	Ratio: 1.01 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 2.37 Failed ⁵
Hex(02000A)	Ratio: 1.01 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 2.41 Failed ⁵
Hex(050505)	Ratio: 1.01 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 2.35 Failed ⁵
Hex(001545)	Ratio: 1.17 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 2.03 Failed ⁵
Hex(003BC4)	Ratio: 2.38 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 2.03 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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