

Converting Colors - WCAG Matrix

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

Hex(030323) Hex(00002E) Hex(130323) Hex(101012) Hex(010052) Hex(0200D1)

	Hex(030323)	Hex(00002E)	Hex(130323)	Hex(101012)	Hex(010052)	Hex(0200D1)
Hex(030323)		Ratio: 1.00 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.85 Failed ⁵
Hex(00002E)	Ratio: 1.00 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.85 Failed ⁵
Hex(130323)	Ratio: 1.02 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.81 Failed ⁵
Hex(101012)	Ratio: 1.06 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.74 Failed ⁵
Hex(010052)	Ratio: 1.08 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.71 Failed ⁵
Hex(0200D1)	Ratio: 1.85 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.74 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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