

Converting Colors - WCAG Matrix

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

Hex(140D22) Hex(160B2B) Hex(1F0D22) Hex(111012) Hex(1B0052) Hex(4600D1)

	Hex(140D22)	Hex(160B2B)	Hex(1F0D22)	Hex(111012)	Hex(1B0052)	Hex(4600D1)
Hex(140D22)		Ratio: 1.01 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.96 Failed ⁵
Hex(160B2B)	Ratio: 1.01 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.95 Failed ⁵
Hex(1F0D22)	Ratio: 1.03 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.92 Failed ⁵
Hex(111012)	Ratio: 1.00 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.97 Failed ⁵
Hex(1B0052)	Ratio: 1.05 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.87 Failed ⁵
Hex(4600D1)	Ratio: 1.96 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.87 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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