

Converting Colors - WCAG Matrix

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

Hex(260009) Hex(30000B) Hex(1C2600) Hex(121010) Hex(520013) Hex(D10031)

	Hex(260009)	Hex(30000B)	Hex(1C2600)	Hex(121010)	Hex(520013)	Hex(D10031)
Hex(260009)		Ratio: 1.04 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 3.46 AA 18pt ²
Hex(30000B)	Ratio: 1.04 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 3.32 AA 18pt ²
Hex(1C2600)	Ratio: 1.22 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 2.83 Failed ⁵
Hex(121010)	Ratio: 1.02 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 3.39 AA 18pt ²
Hex(520013)	Ratio: 1.26 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 2.74 Failed ⁵
Hex(D10031)	Ratio: 3.46 AA 18pt ²	Ratio: 3.32 AA 18pt ²	Ratio: 2.83 Failed ⁵	Ratio: 3.39 AA 18pt ²	Ratio: 2.74 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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