

Converting Colors - WCAG Matrix

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

Hex(260011) Hex(300016) Hex(260200) Hex(121011) Hex(520025) Hex(D1005E)

	Hex(260011)	Hex(300016)	Hex(260200)	Hex(121011)	Hex(520025)	Hex(D1005E)
Hex(260011)		Ratio: 1.04 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 3.55 AA 18pt ²
Hex(300016)	Ratio: 1.04 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 3.41 AA 18pt ²
Hex(260200)	Ratio: 1.00 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 3.55 AA 18pt ²
Hex(121011)	Ratio: 1.02 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 3.50 AA 18pt ²
Hex(520025)	Ratio: 1.27 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 2.80 Failed ⁵
Hex(D1005E)	Ratio: 3.55 AA 18pt ²	Ratio: 3.41 AA 18pt ²	Ratio: 3.55 AA 18pt ²	Ratio: 3.50 AA 18pt ²	Ratio: 2.80 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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