

Converting Colors - WCAG Matrix

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

Hex(301325) Hex(40112D) Hex(302D13) Hex(191718) Hex(590036) Hex(D90083)

	Hex(301325)	Hex(40112D)	Hex(302D13)	Hex(191718)	Hex(590036)	Hex(D90083)
Hex(301325)		Ratio: 1.07 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 3.43 AA 18pt ²
Hex(40112D)	Ratio: 1.07 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 3.20 AA 18pt ²
Hex(302D13)	Ratio: 1.21 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.83 Failed ⁵
Hex(191718)	Ratio: 1.06 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 3.63 AA 18pt ²
Hex(590036)	Ratio: 1.19 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 2.89 Failed ⁵
Hex(D90083)	Ratio: 3.43 AA 18pt ²	Ratio: 3.20 AA 18pt ²	Ratio: 2.83 Failed ⁵	Ratio: 3.63 AA 18pt ²	Ratio: 2.89 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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