

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(320120) Hex(42002A) Hex(320107) Hex(191719) Hex(590038) Hex(D90089)

	Hex(320120)	Hex(42002A)	Hex(320107)	Hex(191719)	Hex(590038)	Hex(D90089)
Hex(320120)		Ratio: 1.09 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 3.71 AA 18pt ²
Hex(42002A)	Ratio: 1.09 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 3.41 AA 18pt ²
Hex(320107)	Ratio: 1.02 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 3.77 AA 18pt ²
Hex(191719)	Ratio: 1.01 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 3.66 AA 18pt ²
Hex(590038)	Ratio: 1.28 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 2.91 Failed ⁵
Hex(D90089)	Ratio: 3.71 AA 18pt ²	Ratio: 3.41 AA 18pt ²	Ratio: 3.77 AA 18pt ²	Ratio: 3.66 AA 18pt ²	Ratio: 2.91 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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