

Converting Colors - WCAG Matrix

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

Hex(300900) Hex(400C00) Hex(302100) Hex(1A1717) Hex(591000) Hex(D92800)

	Hex(300900)	Hex(400C00)	Hex(302100)	Hex(1A1717)	Hex(591000)	Hex(D92800)
Hex(300900)		Ratio: 1.09 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 3.65 AA 18pt ²
Hex(400C00)	Ratio: 1.09 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 3.35 AA 18pt ²
Hex(302100)	Ratio: 1.15 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 3.17 AA 18pt ²
Hex(1A1717)	Ratio: 1.01 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 3.61 AA 18pt ²
Hex(591000)	Ratio: 1.29 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 2.84 Failed ⁵
Hex(D92800)	Ratio: 3.65 AA 18pt ²	Ratio: 3.35 AA 18pt ²	Ratio: 3.17 AA 18pt ²	Ratio: 3.61 AA 18pt ²	Ratio: 2.84 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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