

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(33302F) Hex(423C3B) Hex(33322F) Hex(191717) Hex(591200) Hex(D92B00)

	Hex(33302F)	Hex(423C3B)	Hex(33322F)	Hex(191717)	Hex(591200)	Hex(D92B00)
Hex(33302F)		Ratio: 1.21 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 2.68 Failed ⁵
Hex(423C3B)	Ratio: 1.21 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 2.21 Failed ⁵
Hex(33322F)	Ratio: 1.02 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 2.62 Failed ⁵
Hex(191717)	Ratio: 1.36 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 3.65 AA 18pt ²
Hex(591200)	Ratio: 1.06 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 2.84 Failed ⁵
Hex(D92B00)	Ratio: 2.68 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 3.65 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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