

Converting Colors - WCAG Matrix

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

Hex(322B30) Hex(42373F) Hex(2D322B) Hex(1A1719) Hex(590040) Hex(D9009B)

	Hex(322B30)	Hex(42373F)	Hex(2D322B)	Hex(1A1719)	Hex(590040)	Hex(D9009B)
Hex(322B30)		Ratio: 1.21 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.90 Failed ⁵
Hex(42373F)	Ratio: 1.21 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 2.39 Failed ⁵
Hex(2D322B)	Ratio: 1.05 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 2.76 Failed ⁵
Hex(1A1719)	Ratio: 1.29 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 3.75 AA 18pt ²
Hex(590040)	Ratio: 1.02 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 2.95 Failed ⁵
Hex(D9009B)	Ratio: 2.90 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 3.75 AA 18pt ²	Ratio: 2.95 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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