

Converting Colors - WCAG Matrix

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

Hex(2E2426) Hex(3D2C2F) Hex(242E27) Hex(171515) Hex(570011) Hex(D6002A)

	Hex(2E2426)	Hex(3D2C2F)	Hex(242E27)	Hex(171515)	Hex(570011)	Hex(D6002A)
Hex(2E2426)		Ratio: 1.15 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.79 Failed ⁵
Hex(3D2C2F)	Ratio: 1.15 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 2.43 Failed ⁵
Hex(242E27)	Ratio: 1.07 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 2.60 Failed ⁵
Hex(171515)	Ratio: 1.21 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 3.37 AA 18pt ²
Hex(570011)	Ratio: 1.01 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 2.75 Failed ⁵
Hex(D6002A)	Ratio: 2.79 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 3.37 AA 18pt ²	Ratio: 2.75 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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