

Converting Colors - WCAG Matrix

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

Hex(630226) Hex(7F0030) Hex(630D02) Hex(302C2D) Hex(70002A) Hex(F0005A)

	Hex(630226)	Hex(7F0030)	Hex(630D02)	Hex(302C2D)	Hex(70002A)	Hex(F0005A)
Hex(630226)		Ratio: 1.24 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 3.10 AA 18pt ²
Hex(7F0030)	Ratio: 1.24 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 2.49 Failed ⁵
Hex(630D02)	Ratio: 1.01 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 3.05 AA 18pt ²
Hex(302C2D)	Ratio: 1.03 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 3.18 AA 18pt ²
Hex(70002A)	Ratio: 1.10 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 2.82 Failed ⁵
Hex(F0005A)	Ratio: 3.10 AA 18pt ²	Ratio: 2.49 Failed ⁵	Ratio: 3.05 AA 18pt ²	Ratio: 3.18 AA 18pt ²	Ratio: 2.82 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.

This PDF was generated on convertingcolors.com.