

Converting Colors - WCAG Matrix

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

Hex(612C2C) Hex(7D2A2A) Hex(61462C) Hex(302C2C) Hex(700000) Hex(F00000)

	Hex(612C2C)	Hex(7D2A2A)	Hex(61462C)	Hex(302C2C)	Hex(700000)	Hex(F00000)
Hex(612C2C)		Ratio: 1.17 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 2.47 Failed ⁵
Hex(7D2A2A)	Ratio: 1.17 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 2.10 Failed ⁵
Hex(61462C)	Ratio: 1.27 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.59 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.94 Failed ⁵
Hex(302C2C)	Ratio: 1.25 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.59 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 3.09 AA 18pt ²
Hex(700000)	Ratio: 1.13 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 2.79 Failed ⁵
Hex(F00000)	Ratio: 2.47 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 3.09 AA 18pt ²	Ratio: 2.79 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.