

Converting Colors - WCAG Matrix

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

Hex(302C2C) Hex(403838) Hex(302E2C) Hex(1A1717) Hex(590000) Hex(D90000)

	Hex(302C2C)	Hex(403838)	Hex(302E2C)	Hex(1A1717)	Hex(590000)	Hex(D90000)
Hex(302C2C)		Ratio: 1.21 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 2.59 Failed ⁵
Hex(403838)	Ratio: 1.21 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 2.15 Failed ⁵
Hex(302E2C)	Ratio: 1.02 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 2.54 Failed ⁵
Hex(1A1717)	Ratio: 1.29 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 3.35 AA 18pt ²
Hex(590000)	Ratio: 1.07 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 2.77 Failed ⁵
Hex(D90000)	Ratio: 2.59 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 3.35 AA 18pt ²	Ratio: 2.77 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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