

Converting Colors - WCAG Matrix

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

Hex(302B2C) Hex(403739) Hex(2B2F30) Hex(171515) Hex(57001A) Hex(D6003F)

	Hex(302B2C)	Hex(403739)	Hex(2B2F30)	Hex(171515)	Hex(57001A)	Hex(D6003F)
Hex(302B2C)		Ratio: 1.21 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 2.61 Failed ⁵
Hex(403739)	Ratio: 1.21 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 2.16 Failed ⁵
Hex(2B2F30)	Ratio: 1.03 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 2.53 Failed ⁵
Hex(171515)	Ratio: 1.31 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 3.40 AA 18pt ²
Hex(57001A)	Ratio: 1.06 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 2.77 Failed ⁵
Hex(D6003F)	Ratio: 2.61 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 3.40 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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