

Converting Colors - WCAG Matrix

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

Hex(301818) Hex(3D1818) Hex(302418) Hex(171515) Hex(570000) Hex(D60000)

	Hex(301818)	Hex(3D1818)	Hex(302418)	Hex(171515)	Hex(570000)	Hex(D60000)
Hex(301818)		Ratio: 1.06 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 3.04 AA 18pt ²
Hex(3D1818)	Ratio: 1.06 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 2.88 Failed ⁵
Hex(302418)	Ratio: 1.10 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.77 Failed ⁵
Hex(171515)	Ratio: 1.10 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 3.34 AA 18pt ²
Hex(570000)	Ratio: 1.11 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 2.75 Failed ⁵
Hex(D60000)	Ratio: 3.04 AA 18pt ²	Ratio: 2.88 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 3.34 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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