

Converting Colors - WCAG Matrix

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

Hex(271308) Hex(331403) Hex(272208) Hex(141312) Hex(541E00) Hex(D44B00)

	Hex(271308)	Hex(331403)	Hex(272208)	Hex(141312)	Hex(541E00)	Hex(D44B00)
Hex(271308)		Ratio: 1.05 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 4.06 AA 18pt ²
Hex(331403)	Ratio: 1.05 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 3.87 AA 18pt ²
Hex(272208)	Ratio: 1.11 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 3.64 AA 18pt ²
Hex(141312)	Ratio: 1.05 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 4.25 AA 18pt ²
Hex(541E00)	Ratio: 1.32 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 3.08 AA 18pt ²
Hex(D44B00)	Ratio: 4.06 AA 18pt ²	Ratio: 3.87 AA 18pt ²	Ratio: 3.64 AA 18pt ²	Ratio: 4.25 AA 18pt ²	Ratio: 3.08 AA 18pt ²	

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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