

Converting Colors - WCAG Matrix

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

Hex(38302F) Hex(4A3E3C) Hex(38352F) Hex(1C1A19) Hex(5C0C00) Hex(DB1B00)

	Hex(38302F)	Hex(4A3E3C)	Hex(38352F)	Hex(1C1A19)	Hex(5C0C00)	Hex(DB1B00)
Hex(38302F)		Ratio: 1.25 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 2.55 Failed ⁵
Hex(4A3E3C)	Ratio: 1.25 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 2.04 Failed ⁵
Hex(38352F)	Ratio: 1.05 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 2.43 Failed ⁵
Hex(1C1A19)	Ratio: 1.35 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 3.44 AA 18pt ²
Hex(5C0C00)	Ratio: 1.08 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 2.77 Failed ⁵
Hex(DB1B00)	Ratio: 2.55 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 3.44 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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