

Converting Colors - WCAG Matrix

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

Hex(38292A) Hex(4A3233) Hex(323829) Hex(1C1919) Hex(5C0006) Hex(DB000F)

	Hex(38292A)	Hex(4A3233)	Hex(323829)	Hex(1C1919)	Hex(5C0006)	Hex(DB000F)
Hex(38292A)		Ratio: 1.18 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 2.65 Failed ⁵
Hex(4A3233)	Ratio: 1.18 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 2.24 Failed ⁵
Hex(323829)	Ratio: 1.14 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 2.32 Failed ⁵
Hex(1C1919)	Ratio: 1.26 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 3.34 AA 18pt ²
Hex(5C0006)	Ratio: 1.04 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 2.76 Failed ⁵
Hex(DB000F)	Ratio: 2.65 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 3.34 AA 18pt ²	Ratio: 2.76 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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