

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(48272B) Hex(5E2A30) Hex(483327) Hex(242021) Hex(63000D) Hex(E3001D)

	Hex(48272B)	Hex(5E2A30)	Hex(483327)	Hex(242021)	Hex(63000D)	Hex(E3001D)
Hex(48272B)		Ratio: 1.16 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 2.68 Failed ⁵
Hex(5E2A30)	Ratio: 1.16 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 2.32 Failed ⁵
Hex(483327)	Ratio: 1.11 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 2.41 Failed ⁵
Hex(242021)	Ratio: 1.23 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 3.29 AA 18pt ²
Hex(63000D)	Ratio: 1.04 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 2.79 Failed ⁵
Hex(E3001D)	Ratio: 2.68 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 3.29 AA 18pt ²	Ratio: 2.79 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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