

Converting Colors - WCAG Matrix

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

Hex(5C020B) Hex(78000C) Hex(02385C) Hex(2E292A) Hex(6E000B) Hex(ED0018)

	Hex(5C020B)	Hex(78000C)	Hex(02385C)	Hex(2E292A)	Hex(6E000B)	Hex(ED0018)
Hex(5C020B)		Ratio: 1.23 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 3.14 AA 18pt ²
Hex(78000C)	Ratio: 1.23 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 2.56 Failed ⁵
Hex(02385C)	Ratio: 1.17 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 2.68 Failed ⁵
Hex(2E292A)	Ratio: 1.00 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 3.15 AA 18pt ²
Hex(6E000B)	Ratio: 1.14 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 2.77 Failed ⁵
Hex(ED0018)	Ratio: 3.14 AA 18pt ²	Ratio: 2.56 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 3.15 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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