

Converting Colors - WCAG Matrix

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

Hex(56000E) Hex(700012) Hex(003956) Hex(2B2728) Hex(6B0011) Hex(EB0026)

	Hex(56000E)	Hex(700012)	Hex(003956)	Hex(2B2728)	Hex(6B0011)	Hex(EB0026)
Hex(56000E)		Ratio: 1.21 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 3.25 AA 18pt ²
Hex(700012)	Ratio: 1.21 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 2.69 Failed ⁵
Hex(003956)	Ratio: 1.23 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 2.65 Failed ⁵
Hex(2B2728)	Ratio: 1.02 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 3.20 AA 18pt ²
Hex(6B0011)	Ratio: 1.16 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 2.79 Failed ⁵
Hex(EB0026)	Ratio: 3.25 AA 18pt ²	Ratio: 2.69 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 3.20 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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