

Converting Colors - WCAG Matrix

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

Hex(B10010) Hex(E60015) Hex(B14700) Hex(595051) Hex(99000E) Hex(1A0002)

	Hex(B10010)	Hex(E60015)	Hex(B14700)	Hex(595051)	Hex(99000E)	Hex(1A0002)
Hex(B10010)		Ratio: 1.52 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 2.75 Failed ⁵
Hex(E60015)	Ratio: 1.52 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 4.19 AA 18pt ²
Hex(B14700)	Ratio: 1.31 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 3.61 AA 18pt ²
Hex(595051)	Ratio: 1.07 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 2.58 Failed ⁵
Hex(99000E)	Ratio: 1.22 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 2.26 Failed ⁵
Hex(1A0002)	Ratio: 2.75 Failed ⁵	Ratio: 4.19 AA 18pt ²	Ratio: 3.61 AA 18pt ²	Ratio: 2.58 Failed ⁵	Ratio: 2.26 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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