

Converting Colors - WCAG Matrix

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

Hex(9C001B) Hex(7E0003) Hex(5F0000) Hex(430002) Hex(240001) Hex(000000)

	Hex(9C001B)	Hex(7E0003)	Hex(5F0000)	Hex(430002)	Hex(240001)	Hex(000000)
Hex(9C001B)		Ratio: 1.29 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 2.43 Failed ⁵
Hex(7E0003)	Ratio: 1.29 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.89 Failed ⁵
Hex(5F0000)	Ratio: 1.63 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.49 Failed ⁵
Hex(430002)	Ratio: 1.96 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.24 Failed ⁵
Hex(240001)	Ratio: 2.26 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.08 Failed ⁵
Hex(000000)	Ratio: 2.43 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.08 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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