

Converting Colors - WCAG Matrix

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

Hex(9A0F0F) Hex(7C0000) Hex(5D0000) Hex(410001) Hex(220001) Hex(000000)

	Hex(9A0F0F)	Hex(7C0000)	Hex(5D0000)	Hex(410001)	Hex(220001)	Hex(000000)
Hex(9A0F0F)		Ratio: 1.32 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 2.45 Failed ⁵
Hex(7C0000)	Ratio: 1.32 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.86 Failed ⁵
Hex(5D0000)	Ratio: 1.67 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.47 Failed ⁵
Hex(410001)	Ratio: 2.00 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.23 Failed ⁵
Hex(220001)	Ratio: 2.29 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.07 Failed ⁵
Hex(000000)	Ratio: 2.45 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.07 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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