

Converting Colors - WCAG Matrix

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

Hex(8F0C00) Hex(710000) Hex(520000) Hex(380002) Hex(0E0000) Hex(000000)

	Hex(8F0C00)	Hex(710000)	Hex(520000)	Hex(380002)	Hex(0E0000)	Hex(000000)
Hex(8F0C00)		Ratio: 1.30 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 2.22 Failed ⁵
Hex(710000)	Ratio: 1.30 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.70 Failed ⁵
Hex(520000)	Ratio: 1.63 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.36 Failed ⁵
Hex(380002)	Ratio: 1.90 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.17 Failed ⁵
Hex(0E0000)	Ratio: 2.18 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.15 Failed ⁵		
Hex(000000)	Ratio: 2.22 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.17 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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