

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(C80F24) Hex(FF001D) Hex(0F81C8) Hex(635A5B) Hex(A30013) Hex(240004)

	Hex(C80F24)	Hex(FF001D)	Hex(0F81C8)	Hex(635A5B)	Hex(A30013)	Hex(240004)
Hex(C80F24)		Ratio: 1.48 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 3.30 AA 18pt ²
Hex(FF001D)	Ratio: 1.48 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 4.89 AA ¹ AAA 18pt ⁴
Hex(0F81C8)	Ratio: 1.41 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.59 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 4.64 AA ¹ AAA 18pt ⁴
Hex(635A5B)	Ratio: 1.13 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.59 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 2.92 Failed ⁵
Hex(A30013)	Ratio: 1.38 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 2.38 Failed ⁵
Hex(240004)	Ratio: 3.30 AA 18pt ²	Ratio: 4.89 AA ¹ AAA 18pt ⁴	Ratio: 4.64 AA ¹ AAA 18pt ⁴	Ratio: 2.92 Failed ⁵	Ratio: 2.38 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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