

Converting Colors - WCAG Matrix

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

Hex(7C0014) Hex(A1001A) Hex(7C2900) Hex(3D3738) Hex(7D0014) Hex(FC0029)

	Hex(7C0014)	Hex(A1001A)	Hex(7C2900)	Hex(3D3738)	Hex(7D0014)	Hex(FC0029)
Hex(7C0014)		Ratio: 1.36 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.77 Failed ⁵
Hex(A1001A)	Ratio: 1.36 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 2.04 Failed ⁵
Hex(7C2900)	Ratio: 1.16 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 2.38 Failed ⁵
Hex(3D3738)	Ratio: 1.04 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 2.87 Failed ⁵
Hex(7D0014)	Ratio: 1.01 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 2.75 Failed ⁵
Hex(FC0029)	Ratio: 2.77 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 2.75 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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