

Converting Colors - WCAG Matrix

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

Hex(7A0004) Hex(9E0006) Hex(7A3700) Hex(3D3737) Hex(7D0005) Hex(FC0009)

	Hex(7A0004)	Hex(9E0006)	Hex(7A3700)	Hex(3D3737)	Hex(7D0005)	Hex(FC0009)
Hex(7A0004)		Ratio: 1.34 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.81 Failed ⁵
Hex(9E0006)	Ratio: 1.34 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 2.09 Failed ⁵
Hex(7A3700)	Ratio: 1.30 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 2.17 Failed ⁵
Hex(3D3737)	Ratio: 1.02 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 2.86 Failed ⁵
Hex(7D0005)	Ratio: 1.02 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 2.74 Failed ⁵
Hex(FC0009)	Ratio: 2.81 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 2.74 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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