

Converting Colors - WCAG Matrix

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

Hex(780818) Hex(9C0017) Hex(782F08) Hex(3D3738) Hex(7D0013) Hex(FC0026)

	Hex(780818)	Hex(9C0017)	Hex(782F08)	Hex(3D3738)	Hex(7D0013)	Hex(FC0026)
Hex(780818)		Ratio: 1.31 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.80 Failed ⁵
Hex(9C0017)	Ratio: 1.31 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 2.13 Failed ⁵
Hex(782F08)	Ratio: 1.20 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 2.34 Failed ⁵
Hex(3D3738)	Ratio: 1.02 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 2.87 Failed ⁵
Hex(7D0013)	Ratio: 1.02 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 2.75 Failed ⁵
Hex(FC0026)	Ratio: 2.80 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 2.34 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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