

Converting Colors - WCAG Matrix

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

Hex(FA0013) Hex(FF0013) Hex(FA6800) Hex(7D7071) Hex(BD000E) Hex(3D0005)

	Hex(FA0013)	Hex(FF0013)	Hex(FA6800)	Hex(7D7071)	Hex(BD000E)	Hex(3D0005)
Hex(FA0013)		Ratio: 1.04 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 4.23 AA 18pt ²
Hex(FF0013)	Ratio: 1.04 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 4.38 AA 18pt ²
Hex(FA6800)	Ratio: 1.39 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.59 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 5.87 AA ¹ AAA 18pt ⁴
Hex(7D7071)	Ratio: 1.15 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.59 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 3.69 AA 18pt ²
Hex(BD000E)	Ratio: 1.60 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 2.64 Failed ⁵
Hex(3D0005)	Ratio: 4.23 AA 18pt ²	Ratio: 4.38 AA 18pt ²	Ratio: 5.87 AA ¹ AAA 18pt ⁴	Ratio: 3.69 AA 18pt ²	Ratio: 2.64 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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