

Converting Colors - WCAG Matrix

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

Hex(63040E) Hex(80000D) Hex(3F6304) Hex(302C2C) Hex(70000C) Hex(F00019)

	Hex(63040E)	Hex(80000D)	Hex(3F6304)	Hex(302C2C)	Hex(70000C)	Hex(F00019)
Hex(63040E)		Ratio: 1.24 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 3.04 AA 18pt ²
Hex(80000D)	Ratio: 1.24 Failed ⁵		Ratio: 1.56 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 2.45 Failed ⁵
Hex(3F6304)	Ratio: 1.93 Failed ⁵	Ratio: 1.56 Failed ⁵		Ratio: 1.97 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.57 Failed ⁵
Hex(302C2C)	Ratio: 1.02 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.97 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 3.10 AA 18pt ²
Hex(70000C)	Ratio: 1.09 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 2.79 Failed ⁵
Hex(F00019)	Ratio: 3.04 AA 18pt ²	Ratio: 2.45 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 3.10 AA 18pt ²	Ratio: 2.79 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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