

Converting Colors - WCAG Matrix

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

	Hex(6F1213)	Hex(8F0002)	Hex(426F12)	Hex(383233)	Hex(780002)	Hex(F70003)
Hex(6F1213)		Ratio: 1.22 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.80 Failed ⁵
Hex(8F0002)	Ratio: 1.22 Failed ⁵		Ratio: 1.62 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 2.29 Failed ⁵
Hex(426F12)	Ratio: 1.98 Failed ⁵	Ratio: 1.62 Failed ⁵		Ratio: 2.10 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.41 Failed ⁵
Hex(383233)	Ratio: 1.06 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 2.10 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 2.96 Failed ⁵
Hex(780002)	Ratio: 1.02 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 2.75 Failed ⁵
Hex(F70003)	Ratio: 2.80 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 2.96 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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