

Converting Colors - WCAG Matrix

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

Hex(6C0017) Hex(8C001D) Hex(6C1F00) Hex(363031) Hex(750019) Hex(F50033)

	Hex(6C0017)	Hex(8C001D)	Hex(6C1F00)	Hex(363031)	Hex(750019)	Hex(F50033)
Hex(6C0017)		Ratio: 1.29 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 2.99 Failed ⁵
Hex(8C001D)	Ratio: 1.29 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 2.31 Failed ⁵
Hex(6C1F00)	Ratio: 1.11 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 2.69 Failed ⁵
Hex(363031)	Ratio: 1.02 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 3.04 AA 18pt ²
Hex(750019)	Ratio: 1.07 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 2.78 Failed ⁵
Hex(F50033)	Ratio: 2.99 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 3.04 AA 18pt ²	Ratio: 2.78 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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