

Converting Colors - WCAG Matrix

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

Hex(6A0329) Hex(8A0033) Hex(6A0F03) Hex(363032) Hex(75002B) Hex(F5005A)

	Hex(6A0329)	Hex(8A0033)	Hex(6A0F03)	Hex(363032)	Hex(75002B)	Hex(F5005A)
Hex(6A0329)		Ratio: 1.28 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 3.03 AA 18pt ²
Hex(8A0033)	Ratio: 1.28 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 2.36 Failed ⁵
Hex(6A0F03)	Ratio: 1.01 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 2.99 Failed ⁵
Hex(363032)	Ratio: 1.02 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 3.09 AA 18pt ²
Hex(75002B)	Ratio: 1.08 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 2.81 Failed ⁵
Hex(F5005A)	Ratio: 3.03 AA 18pt ²	Ratio: 2.36 Failed ⁵	Ratio: 2.99 Failed ⁵	Ratio: 3.09 AA 18pt ²	Ratio: 2.81 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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