

Converting Colors - WCAG Matrix

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

Hex(60010D) Hex(7D0010) Hex(602401) Hex(302C2C) Hex(70000E) Hex(F0001E)

	Hex(60010D)	Hex(7D0010)	Hex(602401)	Hex(302C2C)	Hex(70000E)	Hex(F0001E)
Hex(60010D)		Ratio: 1.25 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 3.13 AA 18pt ²
Hex(7D0010)	Ratio: 1.25 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 2.51 Failed ⁵
Hex(602401)	Ratio: 1.16 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 2.70 Failed ⁵
Hex(302C2C)	Ratio: 1.01 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 3.10 AA 18pt ²
Hex(70000E)	Ratio: 1.12 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 2.79 Failed ⁵
Hex(F0001E)	Ratio: 3.13 AA 18pt ²	Ratio: 2.51 Failed ⁵	Ratio: 2.70 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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