

Converting Colors - WCAG Matrix

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

Hex(8D0203) Hex(B80001) Hex(028D45) Hex(474040) Hex(870001) Hex(080000)

	Hex(8D0203)	Hex(B80001)	Hex(028D45)	Hex(474040)	Hex(870001)	Hex(080000)
Hex(8D0203)		Ratio: 1.42 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 2.12 Failed ⁵
Hex(B80001)	Ratio: 1.42 Failed ⁵		Ratio: 1.61 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 3.01 AA 18pt ²
Hex(028D45)	Ratio: 2.29 Failed ⁵	Ratio: 1.61 Failed ⁵		Ratio: 2.36 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 4.85 AA ¹ AAA 18pt ⁴
Hex(474040)	Ratio: 1.03 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 2.36 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 2.05 Failed ⁵
Hex(870001)	Ratio: 1.06 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 2.01 Failed ⁵
Hex(080000)	Ratio: 2.12 Failed ⁵	Ratio: 3.01 AA 18pt ²	Ratio: 4.85 AA ¹ AAA 18pt ⁴	Ratio: 2.05 Failed ⁵	Ratio: 2.01 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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