

Converting Colors - WCAG Matrix

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

Hex(280110) Hex(330014) Hex(280601) Hex(141213) Hex(540020) Hex(D40051)

	Hex(280110)	Hex(330014)	Hex(280601)	Hex(141213)	Hex(540020)	Hex(D40051)
Hex(280110)		Ratio: 1.04 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 3.56 AA 18pt ²
Hex(330014)	Ratio: 1.04 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 3.40 AA 18pt ²
Hex(280601)	Ratio: 1.01 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 3.51 AA 18pt ²
Hex(141213)	Ratio: 1.02 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 3.48 AA 18pt ²
Hex(540020)	Ratio: 1.27 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 2.80 Failed ⁵
Hex(D40051)	Ratio: 3.56 AA 18pt ²	Ratio: 3.40 AA 18pt ²	Ratio: 3.51 AA 18pt ²	Ratio: 3.48 AA 18pt ²	Ratio: 2.80 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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