

Converting Colors - WCAG Matrix

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

Hex(240F1E) Hex(2E0E25) Hex(241F0F) Hex(121011) Hex(52003A) Hex(D10095)

	Hex(240F1E)	Hex(2E0E25)	Hex(241F0F)	Hex(121011)	Hex(52003A)	Hex(D10095)
Hex(240F1E)		Ratio: 1.04 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 3.57 AA 18pt ²
Hex(2E0E25)	Ratio: 1.04 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 3.44 AA 18pt ²
Hex(241F0F)	Ratio: 1.10 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 3.24 AA 18pt ²
Hex(121011)	Ratio: 1.05 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 3.74 AA 18pt ²
Hex(52003A)	Ratio: 1.22 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 2.92 Failed ⁵
Hex(D10095)	Ratio: 3.57 AA 18pt ²	Ratio: 3.44 AA 18pt ²	Ratio: 3.24 AA 18pt ²	Ratio: 3.74 AA 18pt ²	Ratio: 2.92 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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