

Converting Colors - WCAG Matrix

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

Hex(3B183C) Hex(4D154F) Hex(3C182C) Hex(1E1C1F) Hex(5B005E) Hex(D600DE)

	Hex(3B183C)	Hex(4D154F)	Hex(3C182C)	Hex(1E1C1F)	Hex(5B005E)	Hex(D600DE)
Hex(3B183C)		Ratio: 1.11 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 3.56 AA 18pt ²
Hex(4D154F)	Ratio: 1.11 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 3.20 AA 18pt ²
Hex(3C182C)	Ratio: 1.02 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 3.62 AA 18pt ²
Hex(1E1C1F)	Ratio: 1.11 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 3.96 AA 18pt ²
Hex(5B005E)	Ratio: 1.16 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 3.06 AA 18pt ²
Hex(D600DE)	Ratio: 3.56 AA 18pt ²	Ratio: 3.20 AA 18pt ²	Ratio: 3.62 AA 18pt ²	Ratio: 3.96 AA 18pt ²	Ratio: 3.06 AA 18pt ²	

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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