

Converting Colors - WCAG Matrix

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

Hex(2D1822) Hex(3B1A29) Hex(182D2D) Hex(171516) Hex(570029) Hex(D60066)

	Hex(2D1822)	Hex(3B1A29)	Hex(182D2D)	Hex(171516)	Hex(570029)	Hex(D60066)
Hex(2D1822)		Ratio: 1.08 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 3.20 AA 18pt ²
Hex(3B1A29)	Ratio: 1.08 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 2.97 Failed ⁵
Hex(182D2D)	Ratio: 1.15 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.79 Failed ⁵
Hex(171516)	Ratio: 1.10 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 3.51 AA 18pt ²
Hex(570029)	Ratio: 1.14 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 2.82 Failed ⁵
Hex(D60066)	Ratio: 3.20 AA 18pt ²	Ratio: 2.97 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 3.51 AA 18pt ²	Ratio: 2.82 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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