

Converting Colors - WCAG Matrix

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

Hex(2A0D20) Hex(360926) Hex(2A250D) Hex(141214) Hex(540037) Hex(D4008B)

	Hex(2A0D20)	Hex(360926)	Hex(2A250D)	Hex(141214)	Hex(540037)	Hex(D4008B)
Hex(2A0D20)		Ratio: 1.04 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 3.55 AA 18pt ²
Hex(360926)	Ratio: 1.04 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 3.41 AA 18pt ²
Hex(2A250D)	Ratio: 1.16 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 3.05 AA 18pt ²
Hex(141214)	Ratio: 1.04 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 3.70 AA 18pt ²
Hex(540037)	Ratio: 1.22 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 2.91 Failed ⁵
Hex(D4008B)	Ratio: 3.55 AA 18pt ²	Ratio: 3.41 AA 18pt ²	Ratio: 3.05 AA 18pt ²	Ratio: 3.70 AA 18pt ²	Ratio: 2.91 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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