

Converting Colors - WCAG Matrix

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

Hex(281622) Hex(36192C) Hex(192816) Hex(141214) Hex(540038) Hex(D4008D)

	Hex(281622)	Hex(36192C)	Hex(192816)	Hex(141214)	Hex(540038)	Hex(D4008D)
Hex(281622)		Ratio: 1.08 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 3.41 AA 18pt ²
Hex(36192C)	Ratio: 1.08 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 3.14 AA 18pt ²
Hex(192816)	Ratio: 1.10 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 3.08 AA 18pt ²
Hex(141214)	Ratio: 1.09 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 3.71 AA 18pt ²
Hex(540038)	Ratio: 1.17 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 2.92 Failed ⁵
Hex(D4008D)	Ratio: 3.41 AA 18pt ²	Ratio: 3.14 AA 18pt ²	Ratio: 3.08 AA 18pt ²	Ratio: 3.71 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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