

Converting Colors - WCAG Matrix

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

Hex(C14376) Hex(FA3786) Hex(43C14D) Hex(61575B) Hex(A10041) Hex(21000D)

	Hex(C14376)	Hex(FA3786)	Hex(43C14D)	Hex(61575B)	Hex(A10041)	Hex(21000D)
Hex(C14376)		Ratio: 1.37 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 4.05 AA 18pt ²
Hex(FA3786)	Ratio: 1.37 Failed ⁵		Ratio: 1.51 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 5.56 AA ¹ AAA 18pt ⁴
Hex(43C14D)	Ratio: 2.07 Failed ⁵	Ratio: 1.51 Failed ⁵		Ratio: 2.97 Failed ⁵	Ratio: 3.46 AA 18pt ²	Ratio: 8.38 Passed ⁶
Hex(61575B)	Ratio: 1.43 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.97 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 2.82 Failed ⁵
Hex(A10041)	Ratio: 1.67 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 3.46 AA 18pt ²	Ratio: 1.17 Failed ⁵		Ratio: 2.42 Failed ⁵
Hex(21000D)	Ratio: 4.05 AA 18pt ²	Ratio: 5.56 AA ¹ AAA 18pt ⁴	Ratio: 8.38 Passed ⁶	Ratio: 2.82 Failed ⁵	Ratio: 2.42 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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