

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(C62176) Hex(FF0084) Hex(21C6C4) Hex(635A5F) Hex(A30054) Hex(240012)

Hex(C62176)		Ratio: 1.44 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 3.58 AA 18pt ²
Hex(FF0084)	Ratio: 1.44 Failed ⁵		Ratio: 1.78 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 5.15 AA ¹ AAA 18pt ⁴
Hex(21C6C4)	Ratio: 2.56 Failed ⁵	Ratio: 1.78 Failed ⁵		Ratio: 3.15 AA 18pt ²	Ratio: 3.70 AA 18pt ²	Ratio: 9.17 Passed ⁶
Hex(635A5F)	Ratio: 1.23 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 3.15 AA 18pt ²		Ratio: 1.18 Failed ⁵	Ratio: 2.91 Failed ⁵
Hex(A30054)	Ratio: 1.44 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 3.70 AA 18pt ²	Ratio: 1.18 Failed ⁵		Ratio: 2.48 Failed ⁵
Hex(240012)	Ratio: 3.58 AA 18pt ²	Ratio: 5.15 AA ¹ AAA 18pt ⁴	Ratio: 9.17 Passed ⁶	Ratio: 2.91 Failed ⁵	Ratio: 2.48 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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