

Converting Colors - WCAG Matrix

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

	Hex(C11C46)	Hex(C12F54)	Hex(C14363)	Hex(C15671)	Hex(C16980)	Hex(C17D8E)	Hex(C1909C)	Hex(C1A3AB)	Hex(C1B6B9)	Hex(C1CAC7)
Hex(C11C46)		Ratio: 1.08 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 3.03 AA 18pt ²	Ratio: 3.56 AA 18pt ²
Hex(C12F54)	Ratio: 1.08 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 3.30 AA 18pt ²
Hex(C14363)	Ratio: 1.21 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 2.95 Failed ⁵
Hex(C15671)	Ratio: 1.37 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 2.59 Failed ⁵
Hex(C16980)	Ratio: 1.59 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.24 Failed ⁵
Hex(C17D8E)	Ratio: 1.87 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.90 Failed ⁵
Hex(C1909C)	Ratio: 2.20 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.62 Failed ⁵
Hex(C1A3AB)	Ratio: 2.58 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.38 Failed ⁵
Hex(C1B6B9)	Ratio: 3.03 AA 18pt ²	Ratio: 2.80 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.18 Failed ⁵
Hex(C1CAC7)	Ratio: 3.56 AA 18pt ²	Ratio: 3.30 AA 18pt ²	Ratio: 2.95 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.18 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.

This PDF was generated on convertingcolors.com.