

Converting Colors - WCAG Matrix

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

	Hex(11007F)	Hex(1C0D7F)	Hex(27197F)	Hex(32267F)	Hex(3D337F)	Hex(483F7F)	Hex(534C7F)	Hex(5E597F)	Hex(69667F)	Hex(74727F)
Hex(11007F)		Ratio: 1.06 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 3.35 AA 18pt ²
Hex(1C0D7F)	Ratio: 1.06 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 3.15 AA 18pt ²
Hex(27197F)	Ratio: 1.15 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 2.91 Failed ⁵
Hex(32267F)	Ratio: 1.29 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 2.59 Failed ⁵
Hex(3D337F)	Ratio: 1.49 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.25 Failed ⁵
Hex(483F7F)	Ratio: 1.72 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.94 Failed ⁵
Hex(534C7F)	Ratio: 2.04 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.65 Failed ⁵
Hex(5E597F)	Ratio: 2.41 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.39 Failed ⁵
Hex(69667F)	Ratio: 2.86 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.17 Failed ⁵
Hex(74727F)	Ratio: 3.35 AA 18pt ²	Ratio: 3.15 AA 18pt ²	Ratio: 2.91 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.17 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.