

Converting Colors - WCAG Matrix

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

	Hex(0E0080)	Hex(190D80)	Hex(251A80)	Hex(302680)	Hex(3B3380)	Hex(474080)	Hex(524D80)	Hex(5D5980)	Hex(696680)	Hex(747380)
Hex(0E0080)		Ratio: 1.06 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 3.39 AA 18pt ²
Hex(190D80)	Ratio: 1.06 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 3.19 AA 18pt ²
Hex(251A80)	Ratio: 1.16 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 2.93 Failed ⁵
Hex(302680)	Ratio: 1.29 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 2.63 Failed ⁵
Hex(3B3380)	Ratio: 1.48 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.29 Failed ⁵
Hex(474080)	Ratio: 1.74 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.95 Failed ⁵
Hex(524D80)	Ratio: 2.05 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.65 Failed ⁵
Hex(5D5980)	Ratio: 2.41 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.41 Failed ⁵
Hex(696680)	Ratio: 2.87 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.18 Failed ⁵
Hex(747380)	Ratio: 3.39 AA 18pt ²	Ratio: 3.19 AA 18pt ²	Ratio: 2.93 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.41 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.