

Converting Colors - WCAG Matrix

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

Hex(8678FF) Hex(6D5CFF) Hex(C978FF) Hex(747380) Hex(1400BF) Hex(070040)

	Hex(8678FF)	Hex(6D5CFF)	Hex(C978FF)	Hex(747380)	Hex(1400BF)	Hex(070040)
Hex(8678FF)		Ratio: 1.33 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 3.45 AA 18pt ²	Ratio: 5.67 AA ¹ AAA 18pt ⁴
Hex(6D5CFF)	Ratio: 1.33 Failed ⁵		Ratio: 1.65 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 4.27 AA 18pt ²
Hex(C978FF)	Ratio: 1.24 Failed ⁵	Ratio: 1.65 Failed ⁵		Ratio: 1.69 Failed ⁵	Ratio: 4.27 AA 18pt ²	Ratio: 7.03 Passed ⁶
Hex(747380)	Ratio: 1.36 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.69 Failed ⁵		Ratio: 2.53 Failed ⁵	Ratio: 4.16 AA 18pt ²
Hex(1400BF)	Ratio: 3.45 AA 18pt ²	Ratio: 2.60 Failed ⁵	Ratio: 4.27 AA 18pt ²	Ratio: 2.53 Failed ⁵		Ratio: 1.65 Failed ⁵
Hex(070040)	Ratio: 5.67 AA ¹ AAA 18pt ⁴	Ratio: 4.27 AA 18pt ²	Ratio: 7.03 Passed ⁶	Ratio: 4.16 AA 18pt ²	Ratio: 1.65 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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