

Converting Colors - WCAG Matrix

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

Hex(7B00CC) Hex(E1B3FF) Hex(0052CC) Hex(6D5280) Hex(000000) Hex(808080)

	Hex(7B00CC)	Hex(E1B3FF)	Hex(0052CC)	Hex(6D5280)	Hex(000000)	Hex(808080)
Hex(7B00CC)		Ratio: 4.46 AA 18pt ²	Ratio: 1.13 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 1.96 Failed ⁵
Hex(E1B3FF)	Ratio: 4.46 AA 18pt ²		Ratio: 3.93 AA 18pt ²	Ratio: 3.82 AA 18pt ²	Ratio: 12.09 Passed ⁶	Ratio: 2.27 Failed ⁵
Hex(0052CC)	Ratio: 1.13 Failed ⁵	Ratio: 3.93 AA 18pt ²		Ratio: 1.03 Failed ⁵	Ratio: 3.08 AA 18pt ²	Ratio: 1.73 Failed ⁵
Hex(6D5280)	Ratio: 1.17 Failed ⁵	Ratio: 3.82 AA 18pt ²	Ratio: 1.03 Failed ⁵		Ratio: 3.17 AA 18pt ²	Ratio: 1.68 Failed ⁵
Hex(000000)	Ratio: 2.71 Failed ⁵	Ratio: 12.09 Passed ⁶	Ratio: 3.08 AA 18pt ²	Ratio: 3.17 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.96 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 5.32 AA ¹ AAA 18pt ⁴	

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.