

Converting Colors - WCAG Matrix

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

Hex(2979CE) Hex(C2DFFF) Hex(29CE7C) Hex(5B6C80) Hex(000000) Hex(808080)

	Hex(2979CE)	Hex(C2DFFF)	Hex(29CE7C)	Hex(5B6C80)	Hex(000000)	Hex(808080)
Hex(2979CE)		Ratio: 3.24 AA 18pt²	Ratio: 2.16 Failed⁵	Ratio: 1.21 Failed⁵	Ratio: 4.72 AA¹ AAA 18pt⁴	Ratio: 1.13 Failed⁵
Hex(C2DFFF)	Ratio: 3.24 AA 18pt²		Ratio: 1.50 Failed⁵	Ratio: 3.92 AA 18pt²	Ratio: 15.29 Passed⁶	Ratio: 2.88 Failed⁵
Hex(29CE7C)	Ratio: 2.16 Failed⁵	Ratio: 1.50 Failed⁵		Ratio: 2.62 Failed⁵	Ratio: 10.21 Passed⁶	Ratio: 1.92 Failed⁵
Hex(5B6C80)	Ratio: 1.21 Failed⁵	Ratio: 3.92 AA 18pt²	Ratio: 2.62 Failed⁵		Ratio: 3.90 AA 18pt²	Ratio: 1.36 Failed⁵
Hex(000000)	Ratio: 4.72 AA¹ AAA 18pt⁴	Ratio: 15.29 Passed⁶	Ratio: 10.21 Passed⁶	Ratio: 3.90 AA 18pt²		Ratio: 5.32 AA¹ AAA 18pt⁴
Hex(808080)	Ratio: 1.13 Failed⁵	Ratio: 2.88 Failed⁵	Ratio: 1.92 Failed⁵	Ratio: 1.36 Failed⁵	Ratio: 5.32 AA¹ AAA 18pt⁴	

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.