

Converting Colors - WCAG Matrix

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

Hex(24FFFF) Hex(BDFFFF) Hex(24FF24) Hex(588080) Hex(000000) Hex(808080)

	Hex(24FFFF)	Hex(BDFFFF)	Hex(24FF24)	Hex(588080)	Hex(000000)	Hex(808080)
Hex(24FFFF)		Ratio: 1.12 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 3.49 AA 18pt ²	Ratio: 16.82 Passed ⁶	Ratio: 3.16 AA 18pt ²
Hex(BDFFFF)	Ratio: 1.12 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 18.91 Passed ⁶	Ratio: 3.56 AA 18pt ²
Hex(24FF24)	Ratio: 1.09 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 3.20 AA 18pt ²	Ratio: 15.40 Passed ⁶	Ratio: 2.90 Failed ⁵
Hex(588080)	Ratio: 3.49 AA 18pt ²	Ratio: 3.93 AA 18pt ²	Ratio: 3.20 AA 18pt ²		Ratio: 4.81 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵
Hex(000000)	Ratio: 16.82 Passed ⁶	Ratio: 18.91 Passed ⁶	Ratio: 15.40 Passed ⁶	Ratio: 4.81 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 3.16 AA 18pt ²	Ratio: 3.56 AA 18pt ²	Ratio: 2.90 Failed ⁵	Ratio: 1.10 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.