

Converting Colors - WCAG Matrix

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

Hex(52FF9C) Hex(CCFE2) Hex(B7FF52) Hex(61806E) Hex(000000) Hex(808080)

	Hex(52FF9C)	Hex(CCFE2)	Hex(B7FF52)	Hex(61806E)	Hex(000000)	Hex(808080)
Hex(52FF9C)		Ratio: 1.18 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 3.35 AA 18pt ²	Ratio: 16.14 Passed ⁶	Ratio: 3.04 AA 18pt ²
Hex(CCFE2)	Ratio: 1.18 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 18.97 Passed ⁶	Ratio: 3.57 AA 18pt ²
Hex(B7FF52)	Ratio: 1.08 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 3.62 AA 18pt ²	Ratio: 17.44 Passed ⁶	Ratio: 3.28 AA 18pt ²
Hex(61806E)	Ratio: 3.35 AA 18pt ²	Ratio: 3.93 AA 18pt ²	Ratio: 3.62 AA 18pt ²		Ratio: 4.82 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵
Hex(000000)	Ratio: 16.14 Passed ⁶	Ratio: 18.97 Passed ⁶	Ratio: 17.44 Passed ⁶	Ratio: 4.82 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 3.04 AA 18pt ²	Ratio: 3.57 AA 18pt ²	Ratio: 3.28 AA 18pt ²	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.