

Converting Colors - WCAG Matrix

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

Hex(3CCAB0) Hex(C9FFF5) Hex(56CA3C) Hex(60807A) Hex(000000) Hex(808080)

	Hex(3CCAB0)	Hex(C9FFF5)	Hex(56CA3C)	Hex(60807A)	Hex(000000)	Hex(808080)
Hex(3CCAB0)		Ratio: 1.86 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 10.27 Passed ⁶	Ratio: 1.93 Failed ⁵
Hex(C9FFF5)	Ratio: 1.86 Failed ⁵		Ratio: 1.93 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 19.11 Passed ⁶	Ratio: 3.59 AA 18pt ²
Hex(56CA3C)	Ratio: 1.04 Failed ⁵	Ratio: 1.93 Failed ⁵		Ratio: 2.04 Failed ⁵	Ratio: 9.91 Passed ⁶	Ratio: 1.86 Failed ⁵
Hex(60807A)	Ratio: 2.11 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 2.04 Failed ⁵		Ratio: 4.87 AA ¹ AAA 18pt ⁴	Ratio: 1.09 Failed ⁵
Hex(000000)	Ratio: 10.27 Passed ⁶	Ratio: 19.11 Passed ⁶	Ratio: 9.91 Passed ⁶	Ratio: 4.87 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.93 Failed ⁵	Ratio: 3.59 AA 18pt ²	Ratio: 1.86 Failed ⁵	Ratio: 1.09 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.

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