

Converting Colors - WCAG Matrix

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

Hex(06DC7E) Hex(B5FFDF) Hex(66DC06) Hex(53806C) Hex(000000) Hex(808080)

	Hex(06DC7E)	Hex(B5FFDF)	Hex(66DC06)	Hex(53806C)	Hex(000000)	Hex(808080)
Hex(06DC7E)		Ratio: 1.59 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 11.55 Passed ⁶	Ratio: 2.17 Failed ⁵
Hex(B5FFDF)	Ratio: 1.59 Failed ⁵		Ratio: 1.55 Failed ⁵	Ratio: 3.92 AA 18pt ²	Ratio: 18.33 Passed ⁶	Ratio: 3.45 AA 18pt ²
Hex(66DC06)	Ratio: 1.02 Failed ⁵	Ratio: 1.55 Failed ⁵		Ratio: 2.53 Failed ⁵	Ratio: 11.80 Passed ⁶	Ratio: 2.22 Failed ⁵
Hex(53806C)	Ratio: 2.47 Failed ⁵	Ratio: 3.92 AA 18pt ²	Ratio: 2.53 Failed ⁵		Ratio: 4.67 AA ¹ AAA 18pt ⁴	Ratio: 1.14 Failed ⁵
Hex(000000)	Ratio: 11.55 Passed ⁶	Ratio: 18.33 Passed ⁶	Ratio: 11.80 Passed ⁶	Ratio: 4.67 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.17 Failed ⁵	Ratio: 3.45 AA 18pt ²	Ratio: 2.22 Failed ⁵	Ratio: 1.14 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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