

Converting Colors - WCAG Matrix

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

Hex(1270ED) Hex(B8D6FF) Hex(12ED8E) Hex(546780) Hex(000000) Hex(808080)

	Hex(1270ED)	Hex(B8D6FF)	Hex(12ED8E)	Hex(546780)	Hex(000000)	Hex(808080)
Hex(1270ED)		Ratio: 3.09 AA 18pt ²	Ratio: 2.96 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 4.57 AA ¹ AAA 18pt ⁴	Ratio: 1.16 Failed ⁵
Hex(B8D6FF)	Ratio: 3.09 AA 18pt ²		Ratio: 1.04 Failed ⁵	Ratio: 3.89 AA 18pt ²	Ratio: 14.10 Passed ⁶	Ratio: 2.65 Failed ⁵
Hex(12ED8E)	Ratio: 2.96 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 3.73 AA 18pt ²	Ratio: 13.53 Passed ⁶	Ratio: 2.54 Failed ⁵
Hex(546780)	Ratio: 1.26 Failed ⁵	Ratio: 3.89 AA 18pt ²	Ratio: 3.73 AA 18pt ²		Ratio: 3.63 AA 18pt ²	Ratio: 1.47 Failed ⁵
Hex(000000)	Ratio: 4.57 AA ¹ AAA 18pt ⁴	Ratio: 14.10 Passed ⁶	Ratio: 13.53 Passed ⁶	Ratio: 3.63 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.16 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 1.47 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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