

Converting Colors - WCAG Matrix

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

Hex(85BADB) Hex(E0F3FF) Hex(85DBA6) Hex(6E7980) Hex(000000) Hex(808080)

	Hex(85BADB)	Hex(E0F3FF)	Hex(85DBA6)	Hex(6E7980)	Hex(000000)	Hex(808080)
Hex(85BADB)		Ratio: 1.84 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 10.04 Passed ⁶	Ratio: 1.89 Failed ⁵
Hex(E0F3FF)	Ratio: 1.84 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 3.91 AA 18pt ²	Ratio: 18.43 Passed ⁶	Ratio: 3.47 AA 18pt ²
Hex(85DBA6)	Ratio: 1.26 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 2.69 Failed ⁵	Ratio: 12.68 Passed ⁶	Ratio: 2.38 Failed ⁵
Hex(6E7980)	Ratio: 2.13 Failed ⁵	Ratio: 3.91 AA 18pt ²	Ratio: 2.69 Failed ⁵		Ratio: 4.71 AA ¹ AAA 18pt ⁴	Ratio: 1.13 Failed ⁵
Hex(000000)	Ratio: 10.04 Passed ⁶	Ratio: 18.43 Passed ⁶	Ratio: 12.68 Passed ⁶	Ratio: 4.71 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.89 Failed ⁵	Ratio: 3.47 AA 18pt ²	Ratio: 2.38 Failed ⁵	Ratio: 1.13 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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