

Converting Colors - WCAG Matrix

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

Hex(82B9F2) Hex(DBEDFF) Hex(82F2BA) Hex(6A7480) Hex(000000) Hex(808080)

	Hex(82B9F2)	Hex(DBEDFF)	Hex(82F2BA)	Hex(6A7480)	Hex(000000)	Hex(808080)
Hex(82B9F2)		Ratio: 1.73 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 10.17 Passed ⁶	Ratio: 1.91 Failed ⁵
Hex(DBEDFF)	Ratio: 1.73 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 3.97 AA 18pt ²	Ratio: 17.57 Passed ⁶	Ratio: 3.30 AA 18pt ²
Hex(82F2BA)	Ratio: 1.51 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 3.47 AA 18pt ²	Ratio: 15.36 Passed ⁶	Ratio: 2.89 Failed ⁵
Hex(6A7480)	Ratio: 2.30 Failed ⁵	Ratio: 3.97 AA 18pt ²	Ratio: 3.47 AA 18pt ²		Ratio: 4.42 AA 18pt ²	Ratio: 1.20 Failed ⁵
Hex(000000)	Ratio: 10.17 Passed ⁶	Ratio: 17.57 Passed ⁶	Ratio: 15.36 Passed ⁶	Ratio: 4.42 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.91 Failed ⁵	Ratio: 3.30 AA 18pt ²	Ratio: 2.89 Failed ⁵	Ratio: 1.20 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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