

Converting Colors - WCAG Matrix

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

Hex(62B6F3) Hex(D1ECFF) Hex(62F39E) Hex(637480) Hex(000000) Hex(808080)

	Hex(62B6F3)	Hex(D1ECFF)	Hex(62F39E)	Hex(637480)	Hex(000000)	Hex(808080)
Hex(62B6F3)		Ratio: 1.80 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 9.50 Passed ⁶	Ratio: 1.79 Failed ⁵
Hex(D1ECFF)	Ratio: 1.80 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 17.15 Passed ⁶	Ratio: 3.23 AA 18pt ²
Hex(62F39E)	Ratio: 1.56 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 3.42 AA 18pt ²	Ratio: 14.83 Passed ⁶	Ratio: 2.79 Failed ⁵
Hex(637480)	Ratio: 2.19 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 3.42 AA 18pt ²		Ratio: 4.34 AA 18pt ²	Ratio: 1.23 Failed ⁵
Hex(000000)	Ratio: 9.50 Passed ⁶	Ratio: 17.15 Passed ⁶	Ratio: 14.83 Passed ⁶	Ratio: 4.34 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.79 Failed ⁵	Ratio: 3.23 AA 18pt ²	Ratio: 2.79 Failed ⁵	Ratio: 1.23 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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