

Converting Colors - WCAG Matrix

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

Hex(2AA2E5) Hex(C2E9FF) Hex(2AE56B) Hex(5B7280) Hex(000000) Hex(808080)

	Hex(2AA2E5)	Hex(C2E9FF)	Hex(2AE56B)	Hex(5B7280)	Hex(000000)	Hex(808080)
Hex(2AA2E5)		Ratio: 2.22 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 7.40 Passed ⁶	Ratio: 1.39 Failed ⁵
Hex(C2E9FF)	Ratio: 2.22 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 16.39 Passed ⁶	Ratio: 3.08 AA 18pt ²
Hex(2AE56B)	Ratio: 1.69 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 3.01 AA 18pt ²	Ratio: 12.52 Passed ⁶	Ratio: 2.35 Failed ⁵
Hex(5B7280)	Ratio: 1.78 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 3.01 AA 18pt ²		Ratio: 4.16 AA 18pt ²	Ratio: 1.28 Failed ⁵
Hex(000000)	Ratio: 7.40 Passed ⁶	Ratio: 16.39 Passed ⁶	Ratio: 12.52 Passed ⁶	Ratio: 4.16 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.39 Failed ⁵	Ratio: 3.08 AA 18pt ²	Ratio: 2.35 Failed ⁵	Ratio: 1.28 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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