

Converting Colors - WCAG Matrix

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

Hex(6E5FE2) Hex(D9D4FF) Hex(5FD5E2) Hex(696680) Hex(000000) Hex(808080)

	Hex(6E5FE2)	Hex(D9D4FF)	Hex(5FD5E2)	Hex(696680)	Hex(000000)	Hex(808080)
Hex(6E5FE2)		Ratio: 3.37 AA 18pt ²	Ratio: 2.75 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 4.40 AA 18pt ²	Ratio: 1.21 Failed ⁵
Hex(D9D4FF)	Ratio: 3.37 AA 18pt ²		Ratio: 1.22 Failed ⁵	Ratio: 3.88 AA 18pt ²	Ratio: 14.81 Passed ⁶	Ratio: 2.79 Failed ⁵
Hex(5FD5E2)	Ratio: 2.75 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 3.17 AA 18pt ²	Ratio: 12.10 Passed ⁶	Ratio: 2.28 Failed ⁵
Hex(696680)	Ratio: 1.15 Failed ⁵	Ratio: 3.88 AA 18pt ²	Ratio: 3.17 AA 18pt ²		Ratio: 3.81 AA 18pt ²	Ratio: 1.39 Failed ⁵
Hex(000000)	Ratio: 4.40 AA 18pt ²	Ratio: 14.81 Passed ⁶	Ratio: 12.10 Passed ⁶	Ratio: 3.81 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.21 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 1.39 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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