

Converting Colors - WCAG Matrix

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

Hex(A679E2) Hex(EBDBFF) Hex(79B6E2) Hex(736A80) Hex(000000) Hex(808080)

	Hex(A679E2)	Hex(EBDBFF)	Hex(79B6E2)	Hex(736A80)	Hex(000000)	Hex(808080)
Hex(A679E2)		Ratio: 2.50 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 6.45 AA ¹ AAA 18pt ⁴	Ratio: 1.21 Failed ⁵
Hex(EBDBFF)	Ratio: 2.50 Failed ⁵		Ratio: 1.68 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 16.11 Passed ⁶	Ratio: 3.03 AA 18pt ²
Hex(79B6E2)	Ratio: 1.49 Failed ⁵	Ratio: 1.68 Failed ⁵		Ratio: 2.34 Failed ⁵	Ratio: 9.60 Passed ⁶	Ratio: 1.81 Failed ⁵
Hex(736A80)	Ratio: 1.57 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 2.34 Failed ⁵		Ratio: 4.10 AA 18pt ²	Ratio: 1.30 Failed ⁵
Hex(000000)	Ratio: 6.45 AA ¹ AAA 18pt ⁴	Ratio: 16.11 Passed ⁶	Ratio: 9.60 Passed ⁶	Ratio: 4.10 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.21 Failed ⁵	Ratio: 3.03 AA 18pt ²	Ratio: 1.81 Failed ⁵	Ratio: 1.30 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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