

Converting Colors - WCAG Matrix

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

Hex(78ADE1) Hex(62A2E1) Hex(4B97E1) Hex(358CE1) Hex(1E80E1) Hex(0875E1) Hex(0072E1)

	Hex(78ADE1)	Hex(62A2E1)	Hex(4B97E1)	Hex(358CE1)	Hex(1E80E1)	Hex(0875E1)	Hex(0072E1)
Hex(78ADE1)		Ratio: 1.14 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.97 Failed ⁵
Hex(62A2E1)	Ratio: 1.14 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.73 Failed ⁵
Hex(4B97E1)	Ratio: 1.30 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.52 Failed ⁵
Hex(358CE1)	Ratio: 1.48 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.33 Failed ⁵
Hex(1E80E1)	Ratio: 1.69 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.16 Failed ⁵
Hex(0875E1)	Ratio: 1.91 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.03 Failed ⁵
Hex(0072E1)	Ratio: 1.97 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.03 Failed ⁵	

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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