

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(E7E1D0) Hex(E7E7E7) Hex(E7EDFE) Hex(E7F3FF) Hex(E7F8FF) Hex(E7FFFF)

	Hex(E7E1D0)	Hex(E7E7E7)	Hex(E7EDFE)	Hex(E7F3FF)	Hex(E7F8FF)	Hex(E7FFFF)
Hex(E7E1D0)		Ratio: 1.06 Failed⁵	Ratio: 1.12 Failed⁵	Ratio: 1.16 Failed⁵	Ratio: 1.20 Failed⁵	Ratio: 1.25 Failed⁵
Hex(E7E7E7)	Ratio: 1.06 Failed⁵		Ratio: 1.06 Failed⁵	Ratio: 1.10 Failed⁵	Ratio: 1.13 Failed⁵	Ratio: 1.19 Failed⁵
Hex(E7EDFE)	Ratio: 1.12 Failed⁵	Ratio: 1.06 Failed⁵		Ratio: 1.04 Failed⁵	Ratio: 1.07 Failed⁵	Ratio: 1.12 Failed⁵
Hex(E7F3FF)	Ratio: 1.16 Failed⁵	Ratio: 1.10 Failed⁵	Ratio: 1.04 Failed⁵		Ratio: 1.03 Failed⁵	Ratio: 1.08 Failed⁵
Hex(E7F8FF)	Ratio: 1.20 Failed⁵	Ratio: 1.13 Failed⁵	Ratio: 1.07 Failed⁵	Ratio: 1.03 Failed⁵		Ratio: 1.05 Failed⁵
Hex(E7FFFF)	Ratio: 1.25 Failed⁵	Ratio: 1.19 Failed⁵	Ratio: 1.12 Failed⁵	Ratio: 1.08 Failed⁵	Ratio: 1.05 Failed⁵	

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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