

Converting Colors - WCAG Matrix

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

	Hex(E67EEF)	Hex(E896EF)	Hex(EAAEEF)	Hex(ECC6EF)	Hex(EEDEEF)	Hex(F0F6EF)	Hex(F1FFEF)	Hex(F3FFEF)	Hex(F5FFEF)	Hex(F7FFEF)
Hex(E67EEF)		Ratio: 1.17 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 2.39 Failed ⁵
Hex(E896EF)	Ratio: 1.17 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.04 Failed ⁵
Hex(EAAEEF)	Ratio: 1.37 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.74 Failed ⁵
Hex(ECC6EF)	Ratio: 1.62 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.48 Failed ⁵
Hex(EEDEEF)	Ratio: 1.90 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.26 Failed ⁵
Hex(F0F6EF)	Ratio: 2.23 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.07 Failed ⁵
Hex(F1FFEF)	Ratio: 2.36 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(F3FFEF)	Ratio: 2.37 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(F5FFEF)	Ratio: 2.38 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 1.00 Failed ⁵
Hex(F7FFEF)	Ratio: 2.39 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.00 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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