

Converting Colors - WCAG Matrix

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

	Hex(ECCD9F)	Hex(ECD7B7)	Hex(ECE0CE)	Hex(ECEAE6)	Hex(ECF3FD)	Hex(ECFDFF)	Hex(ECFFFF)
Hex(ECCD9F)		Ratio: 1.08 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.47 Failed ⁵
Hex(ECD7B7)	Ratio: 1.08 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.36 Failed ⁵
Hex(ECE0CE)	Ratio: 1.17 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.26 Failed ⁵
Hex(ECEAE6)	Ratio: 1.27 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.16 Failed ⁵
Hex(ECF3FD)	Ratio: 1.36 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.08 Failed ⁵
Hex(ECFDFF)	Ratio: 1.45 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(ECFFFF)	Ratio: 1.47 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.01 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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