

Converting Colors - WCAG Matrix

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

	Hex(E88F4A)	Hex(E89C61)	Hex(E8A978)	Hex(E8B690)	Hex(E8C3A7)	Hex(E8D0BE)	Hex(E8DDD5)	Hex(E8EAEC)	Hex(E8F8FF)	Hex(E8FFFF)
Hex(E88F4A)		Ratio: 1.11 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 2.39 Failed ⁵
Hex(E89C61)	Ratio: 1.11 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.16 Failed ⁵
Hex(E8A978)	Ratio: 1.23 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.94 Failed ⁵
Hex(E8B690)	Ratio: 1.36 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.75 Failed ⁵
Hex(E8C3A7)	Ratio: 1.51 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.58 Failed ⁵
Hex(E8D0BE)	Ratio: 1.68 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.42 Failed ⁵
Hex(E8DDD5)	Ratio: 1.86 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.28 Failed ⁵
Hex(E8EAEC)	Ratio: 2.06 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.16 Failed ⁵
Hex(E8F8FF)	Ratio: 2.28 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(E8FFFF)	Ratio: 2.39 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.05 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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