

Converting Colors - WCAG Matrix

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

	Hex(E37171)	Hex(E38888)	Hex(E39E9E)	Hex(E3B5B5)	Hex(E3CCCC)	Hex(E3E2E2)	Hex(E3F9F9)	Hex(E3FFFF)
Hex(E37171)		Ratio: 1.19 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 2.91 Failed ⁵
Hex(E38888)	Ratio: 1.19 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 2.46 Failed ⁵
Hex(E39E9E)	Ratio: 1.41 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.07 Failed ⁵
Hex(E3B5B5)	Ratio: 1.68 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.73 Failed ⁵
Hex(E3CCCC)	Ratio: 2.01 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.45 Failed ⁵
Hex(E3E2E2)	Ratio: 2.37 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.23 Failed ⁵
Hex(E3F9F9)	Ratio: 2.79 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.04 Failed ⁵
Hex(E3FFFF)	Ratio: 2.91 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.04 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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