

Converting Colors - WCAG Matrix

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

Hex(888EE3) Hex(9EA3E3) Hex(B5B8E3) Hex(CCCDE3) Hex(E2E2E3) Hex(F9F8E3) Hex(FFFEE3)

	Hex(888EE3)	Hex(9EA3E3)	Hex(B5B8E3)	Hex(CCCDE3)	Hex(E2E2E3)	Hex(F9F8E3)	Hex(FFFEE3)
Hex(888EE3)		Ratio: 1.25 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 2.78 Failed ⁵	Ratio: 2.94 Failed ⁵
Hex(9EA3E3)	Ratio: 1.25 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 2.35 Failed ⁵
Hex(B5B8E3)	Ratio: 1.56 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.89 Failed ⁵
Hex(CCCDE3)	Ratio: 1.91 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.54 Failed ⁵
Hex(E2E2E3)	Ratio: 2.31 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.27 Failed ⁵
Hex(F9F8E3)	Ratio: 2.78 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.06 Failed ⁵
Hex(FFFEE3)	Ratio: 2.94 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.06 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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