

Converting Colors - WCAG Matrix

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

	Hex(E8CDD5)	Hex(E8B6C5)	Hex(E89FB4)	Hex(E887A4)	Hex(E87094)	Hex(E85983)	Hex(E84273)	Hex(E82B63)	Hex(E81352)	Hex(E80045)
Hex(E8CDD5)		Ratio: 1.18 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 3.04 AA 18pt ²	Ratio: 3.13 AA 18pt ²
Hex(E8B6C5)	Ratio: 1.18 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 2.64 Failed ⁵
Hex(E89FB4)	Ratio: 1.41 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 2.22 Failed ⁵
Hex(E887A4)	Ratio: 1.67 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.87 Failed ⁵
Hex(E87094)	Ratio: 1.97 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.59 Failed ⁵
Hex(E85983)	Ratio: 2.28 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.37 Failed ⁵
Hex(E84273)	Ratio: 2.59 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.21 Failed ⁵
Hex(E82B63)	Ratio: 2.85 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.10 Failed ⁵
Hex(E81352)	Ratio: 3.04 AA 18pt ²	Ratio: 2.57 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.03 Failed ⁵
Hex(E80045)	Ratio: 3.13 AA 18pt ²	Ratio: 2.64 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.03 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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