

Converting Colors - WCAG Matrix

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

	Hex(E84A90)	Hex(E8619D)	Hex(E879AA)	Hex(E890B7)	Hex(E8A7C4)	Hex(E8BED1)	Hex(E8D5DE)	Hex(E8EDEB)	Hex(E8FFF8)	Hex(E8FFFF)
Hex(E84A90)		Ratio: 1.14 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 3.05 AA 18pt ²	Ratio: 3.46 AA 18pt ²	Ratio: 3.47 AA 18pt ²
Hex(E8619D)	Ratio: 1.14 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 3.03 AA 18pt ²	Ratio: 3.04 AA 18pt ²
Hex(E879AA)	Ratio: 1.33 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 2.60 Failed ⁵
Hex(E890B7)	Ratio: 1.57 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 2.22 Failed ⁵
Hex(E8A7C4)	Ratio: 1.85 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.88 Failed ⁵
Hex(E8BED1)	Ratio: 2.19 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.59 Failed ⁵
Hex(E8D5DE)	Ratio: 2.58 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.34 Failed ⁵
Hex(E8EDEB)	Ratio: 3.05 AA 18pt ²	Ratio: 2.68 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.14 Failed ⁵
Hex(E8FFF8)	Ratio: 3.46 AA 18pt ²	Ratio: 3.03 AA 18pt ²	Ratio: 2.59 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.00 Failed ⁵
Hex(E8FFFF)	Ratio: 3.47 AA 18pt ²	Ratio: 3.04 AA 18pt ²	Ratio: 2.60 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.00 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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