

Converting Colors - WCAG Matrix

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

	Hex(E61A24)	Hex(E6313A)	Hex(E64850)	Hex(E65F66)	Hex(E6767B)	Hex(E68D91)	Hex(E6A4A7)	Hex(E6BBBD)	Hex(E6D2D3)	Hex(E6E9E9)
Hex(E61A24)		Ratio: 1.07 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 3.20 AA 18pt ²	Ratio: 3.79 AA 18pt ²
Hex(E6313A)	Ratio: 1.07 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 2.99 Failed ⁵	Ratio: 3.53 AA 18pt ²
Hex(E64850)	Ratio: 1.19 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 3.18 AA 18pt ²
Hex(E65F66)	Ratio: 1.36 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 2.78 Failed ⁵
Hex(E6767B)	Ratio: 1.60 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.37 Failed ⁵
Hex(E68D91)	Ratio: 1.89 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 2.00 Failed ⁵
Hex(E6A4A7)	Ratio: 2.26 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.68 Failed ⁵
Hex(E6BBBD)	Ratio: 2.69 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.41 Failed ⁵
Hex(E6D2D3)	Ratio: 3.20 AA 18pt ²	Ratio: 2.99 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.18 Failed ⁵
Hex(E6E9E9)	Ratio: 3.79 AA 18pt ²	Ratio: 3.53 AA 18pt ²	Ratio: 3.18 AA 18pt ²	Ratio: 2.78 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.18 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

Failed 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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