

Converting Colors - WCAG Matrix

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

	Hex(1B4444)	Hex(FFFFFF)	Hex(4C7474)	Hex(658E8D)	Hex(7EA8A8)	Hex(99C3C3)	Hex(B4DFDF)	Hex(D0FCFB)	Hex(EDFFFF)
Hex(1B4444)		Ratio: 10.73 Passed ⁶	Ratio: 2.07 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 4.12 AA 18pt ²	Ratio: 5.59 AA ¹ AAA 18pt ⁴	Ratio: 7.44 Passed ⁶	Ratio: 9.71 Passed ⁶	Ratio: 10.40 Passed ⁶
Hex(FFFFFF)	Ratio: 10.73 Passed ⁶		Ratio: 5.18 AA ¹ AAA 18pt ⁴	Ratio: 3.62 AA 18pt ²	Ratio: 2.61 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(4C7474)	Ratio: 2.07 Failed ⁵	Ratio: 5.18 AA ¹ AAA 18pt ⁴		Ratio: 1.43 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 3.59 AA 18pt ²	Ratio: 4.68 AA ¹ AAA 18pt ⁴	Ratio: 5.02 AA ¹ AAA 18pt ⁴
Hex(658E8D)	Ratio: 2.97 Failed ⁵	Ratio: 3.62 AA 18pt ²	Ratio: 1.43 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 3.27 AA 18pt ²	Ratio: 3.50 AA 18pt ²
Hex(7EA8A8)	Ratio: 4.12 AA 18pt ²	Ratio: 2.61 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 2.53 Failed ⁵
Hex(99C3C3)	Ratio: 5.59 AA ¹ AAA 18pt ⁴	Ratio: 1.92 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.86 Failed ⁵
Hex(B4DFDF)	Ratio: 7.44 Passed ⁶	Ratio: 1.44 Failed ⁵	Ratio: 3.59 AA 18pt ²	Ratio: 2.51 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.40 Failed ⁵
Hex(D0FCFB)	Ratio: 9.71 Passed ⁶	Ratio: 1.11 Failed ⁵	Ratio: 4.68 AA ¹ AAA 18pt ⁴	Ratio: 3.27 AA 18pt ²	Ratio: 2.36 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.07 Failed ⁵
Hex(EDFFFF)	Ratio: 10.40 Passed ⁶	Ratio: 1.03 Failed ⁵	Ratio: 5.02 AA ¹ AAA 18pt ⁴	Ratio: 3.50 AA 18pt ²	Ratio: 2.53 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.07 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.

This PDF was generated on convertingcolors.com.