

Converting Colors - WCAG Matrix

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

	Hex(1E7638)	Hex(FFFFFF)	Hex(58AB69)	Hex(73C682)	Hex(8FE39D)	Hex(ABFFB8)	Hex(C7FFD4)	Hex(E4FFF0)
Hex(1E7638)		Ratio: 5.67 AA ¹ AAA 18pt ⁴	Ratio: 2.01 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 3.68 AA 18pt ²	Ratio: 4.79 AA ¹ AAA 18pt ⁴	Ratio: 5.04 AA ¹ AAA 18pt ⁴	Ratio: 5.36 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 5.67 AA ¹ AAA 18pt ⁴		Ratio: 2.82 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.06 Failed ⁵
Hex(58AB69)	Ratio: 2.01 Failed ⁵	Ratio: 2.82 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 2.67 Failed ⁵
Hex(73C682)	Ratio: 2.73 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.96 Failed ⁵
Hex(8FE39D)	Ratio: 3.68 AA 18pt ²	Ratio: 1.54 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.46 Failed ⁵
Hex(ABFFB8)	Ratio: 4.79 AA ¹ AAA 18pt ⁴	Ratio: 1.18 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.12 Failed ⁵
Hex(C7FFD4)	Ratio: 5.04 AA ¹ AAA 18pt ⁴	Ratio: 1.12 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.06 Failed ⁵
Hex(E4FFF0)	Ratio: 5.36 AA ¹ AAA 18pt ⁴	Ratio: 1.06 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.12 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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