

Converting Colors - WCAG Matrix

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

	Hex(347800)	Hex(FFFFFFE)	Hex(6BAC3E)	Hex(87C858)	Hex(A2E472)	Hex(BFFF8D)	Hex(DCFFA8)	Hex(F9FFC4)	Hex(FFFFFFE1)
Hex(347800)		Ratio: 5.48 AA ¹ AAA 18pt ⁴	Ratio: 1.98 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 3.62 AA 18pt ²	Ratio: 4.67 AA ¹ AAA 18pt ⁴	Ratio: 4.93 AA ¹ AAA 18pt ⁴	Ratio: 5.25 AA ¹ AAA 18pt ⁴	Ratio: 5.39 AA ¹ AAA 18pt ⁴
Hex(FFFFFFE)	Ratio: 5.48 AA ¹ AAA 18pt ⁴		Ratio: 2.76 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(6BAC3E)	Ratio: 1.98 Failed ⁵	Ratio: 2.76 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 2.72 Failed ⁵
Hex(87C858)	Ratio: 2.72 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.98 Failed ⁵
Hex(A2E472)	Ratio: 3.62 AA 18pt ²	Ratio: 1.51 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.49 Failed ⁵
Hex(BFFF8D)	Ratio: 4.67 AA ¹ AAA 18pt ⁴	Ratio: 1.17 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.15 Failed ⁵
Hex(DCFFA8)	Ratio: 4.93 AA ¹ AAA 18pt ⁴	Ratio: 1.11 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.09 Failed ⁵
Hex(F9FFC4)	Ratio: 5.25 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.03 Failed ⁵
Hex(FFFFFFE1)	Ratio: 5.39 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.09 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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