

Converting Colors - WCAG Matrix

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

	Hex(22590C)	Hex(FFFFFF9)	Hex(568C3E)	Hex(70A756)	Hex(8BC26F)	Hex(A6DE89)	Hex(C2FBA4)	Hex(DFFFC0)	Hex(FCFFDC)
Hex(22590C)		Ratio: 8.36 Passed ⁶	Ratio: 2.08 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 4.01 AA 18pt ²	Ratio: 5.37 AA ¹ AAA 18pt ⁴	Ratio: 7.05 Passed ⁶	Ratio: 7.67 Passed ⁶	Ratio: 8.18 Passed ⁶
Hex(FFFFFF9)	Ratio: 8.36 Passed ⁶		Ratio: 4.01 AA 18pt ²	Ratio: 2.85 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(568C3E)	Ratio: 2.08 Failed ⁵	Ratio: 4.01 AA 18pt ²		Ratio: 1.41 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 3.38 AA 18pt ²	Ratio: 3.68 AA 18pt ²	Ratio: 3.93 AA 18pt ²
Hex(70A756)	Ratio: 2.94 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 2.79 Failed ⁵
Hex(8BC26F)	Ratio: 4.01 AA 18pt ²	Ratio: 2.08 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.04 Failed ⁵
Hex(A6DE89)	Ratio: 5.37 AA ¹ AAA 18pt ⁴	Ratio: 1.56 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.52 Failed ⁵
Hex(C2FBA4)	Ratio: 7.05 Passed ⁶	Ratio: 1.19 Failed ⁵	Ratio: 3.38 AA 18pt ²	Ratio: 2.40 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.16 Failed ⁵
Hex(DFFFC0)	Ratio: 7.67 Passed ⁶	Ratio: 1.09 Failed ⁵	Ratio: 3.68 AA 18pt ²	Ratio: 2.61 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.07 Failed ⁵
Hex(FCFFDC)	Ratio: 8.18 Passed ⁶	Ratio: 1.02 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 2.79 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.16 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

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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