

Converting Colors - WCAG Matrix

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

	Hex(00590B)	Hex(FFFFFF)	Hex(438C3D)	Hex(5EA755)	Hex(79C26F)	Hex(94DF89)	Hex(B0FBA3)	Hex(CDFFBF)	Hex(EAFFDB)
Hex(00590B)		Ratio: 8.59 Passed ⁶	Ratio: 2.08 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 4.01 AA 18pt ²	Ratio: 5.41 AA ¹ AAA 18pt ⁴	Ratio: 7.06 Passed ⁶	Ratio: 7.66 Passed ⁶	Ratio: 8.15 Passed ⁶
Hex(FFFFFF)	Ratio: 8.59 Passed ⁶		Ratio: 4.13 AA 18pt ²	Ratio: 2.93 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.05 Failed ⁵
Hex(438C3D)	Ratio: 2.08 Failed ⁵	Ratio: 4.13 AA 18pt ²		Ratio: 1.41 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 3.40 AA 18pt ²	Ratio: 3.69 AA 18pt ²	Ratio: 3.92 AA 18pt ²
Hex(5EA755)	Ratio: 2.93 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 2.78 Failed ⁵
Hex(79C26F)	Ratio: 4.01 AA 18pt ²	Ratio: 2.14 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.03 Failed ⁵
Hex(94DF89)	Ratio: 5.41 AA ¹ AAA 18pt ⁴	Ratio: 1.59 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.50 Failed ⁵
Hex(B0FBA3)	Ratio: 7.06 Passed ⁶	Ratio: 1.22 Failed ⁵	Ratio: 3.40 AA 18pt ²	Ratio: 2.41 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.15 Failed ⁵
Hex(CDFFBF)	Ratio: 7.66 Passed ⁶	Ratio: 1.12 Failed ⁵	Ratio: 3.69 AA 18pt ²	Ratio: 2.61 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.06 Failed ⁵
Hex(EAFFDB)	Ratio: 8.15 Passed ⁶	Ratio: 1.05 Failed ⁵	Ratio: 3.92 AA 18pt ²	Ratio: 2.78 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.15 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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