

Converting Colors - WCAG Matrix

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

	Hex(557D00)	Hex(FFFFFF)	Hex(8BB240)	Hex(A7CD5A)	Hex(C3EA75)	Hex(E0FF90)	Hex(FDFFAB)	Hex(FFFC7)	Hex(FFFE4)
Hex(557D00)		Ratio: 4.86 AA ¹ AAA 18pt ⁴	Ratio: 1.98 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 3.55 AA 18pt ²	Ratio: 4.37 AA 18pt ²	Ratio: 4.65 AA ¹ AAA 18pt ⁴	Ratio: 4.72 AA ¹ AAA 18pt ⁴	Ratio: 4.79 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 4.86 AA ¹ AAA 18pt ⁴		Ratio: 2.46 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(8BB240)	Ratio: 1.98 Failed ⁵	Ratio: 2.46 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 2.42 Failed ⁵
Hex(A7CD5A)	Ratio: 2.67 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.79 Failed ⁵
Hex(C3EA75)	Ratio: 3.55 AA 18pt ²	Ratio: 1.37 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.35 Failed ⁵
Hex(E0FF90)	Ratio: 4.37 AA 18pt ²	Ratio: 1.11 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.10 Failed ⁵
Hex(FDFFAB)	Ratio: 4.65 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(FFFC7)	Ratio: 4.72 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(FFFE4)	Ratio: 4.79 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.01 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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