

Converting Colors

CIELCh(97, 31.412, 125.781)

Have a look what the booklet for
CIELCh(97, 31.412, 125.781)
contains.

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Color

CIELCh(97, 31.404, 125.846)

Conversions

Conversions Part 1

Format	Color
Hex	E5FFC4
RGB	229, 255, 196
RGB Percent	90%, 100%, 77%
CMY	0.1007, 0.0000, 0.2301
CMYK	0.10, 0.00, 0.23, 0.00
HSL	86°, 100%, 88%
HSV	86°, 23%, 100%
XYZ	78.2805, 92.4403, 66.1291
YIQ	240.5000, 3.4430, -23.8610

Conversions

Conversions Part 2

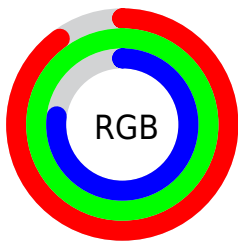
Format	Color
RYB	196, 255, 222
Decimal	15073220
CIELab	97.00, -18.39, 25.46
CIELCh	97, 31.404, 125.846
Yxy	92.4403, 0.3305, 0.3903
Android (android.graphics.Color)	4293263300 (0xFFE5FFC4)
YUV	240.5000, -21.9385, -10.0855
Hunter-Lab	96.1459, -22.9234, 26.5225

Details

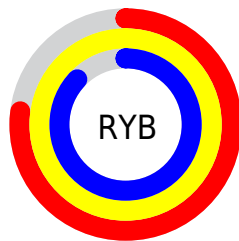
The CIELCh color **97, 31.404, 125.846** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **83, 32.373, 308.054**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 1.003, 110.026**, and **77, 31.259, 125.818** is the 20% darker color. If you saturate the color by 10%, you get **96, 44.603, 125.228**, and if you desaturate by 10%, it is **98, 17.665, 126.242**.

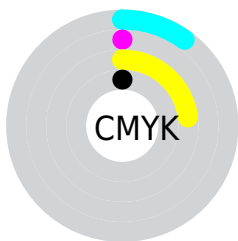
Distribution



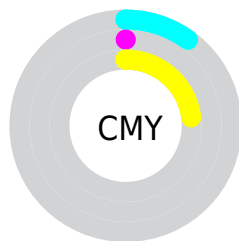
- Red (90%)
- Green (100%)
- Blue (77%)



- Red (77%)
- Yellow (100%)
- Blue (87%)



- Cyan (10%)
- Magenta (0%)
- Yellow (23%)
- Black (0%)





- Cyan (10%)
- Magenta (0%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 31.404, 125.846 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 97, 31.404, 125.846 by changing the saturation by 10% instead.


 97, 31.404,
125.846


 97, 31.404,
125.846

 100, 31.404,
125.846


 87, 31.404,
125.846

 77, 31.404,
125.846

 67, 31.404,
125.846

 57, 31.404,
125.846

 47, 31.404,
125.846

 37, 31.404,
125.846

 27, 31.404,

125.846

■ 17, 31.404,
125.846

■ 7, 31.404, 125.846

■ 97, 31.404,
125.846

■ 97, 31.404,
125.846

■ 96, 44.603,
125.228

■ 98, 17.665,
126.242

■ 95, 57.655,
124.747

■ 100, 4.077,
126.746

■ 94, 70.110,
124.339

■ 100, 0.012,
296.813

■ 93, 81.590,
124.078

■ 92, 91.579,
124.068

■ 91, 99.473,
124.438

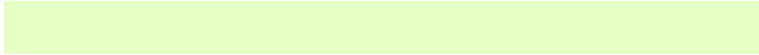
■ 91, 104.801,
125.299

■ 91, 107.183,
126.152

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



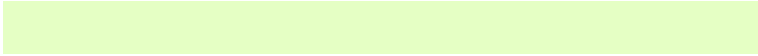
97, 31.404, 125.846



83, 32.373, 308.054

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 31.404, 125.846



97, 31.404, 175.846



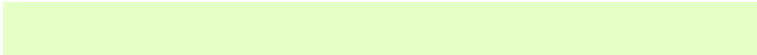
97, 31.404, 305.846



97, 31.404, 355.846

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



97, 31.215, 125.736



99, 9.493, 126.540



90, 18.392, 65.284



53, 6.169, 126.510



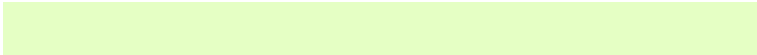
0, 0.000, 0.000



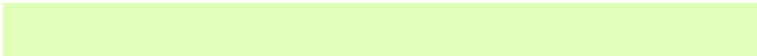
53, 0.007, 296.813

Same Dimension

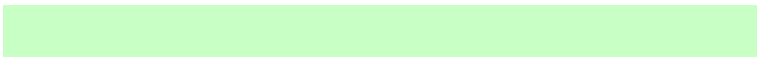
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 31.215, 125.736



96, 37.921, 125.482



95, 36.000, 141.251



53, 7.715, 126.416



70, 86.111, 125.865



24, 38.393, 124.295

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



83, 32.373, 308.054



79, 39.668, 308.350



86, 36.124, 323.806



49, 7.836, 307.310



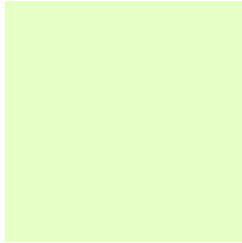
28, 101.882, 310.545



6, 44.919, 311.182

Previews

White Background



This preview shows how the CIELCh color 97, 31.404, 125.846 looks on a white background.

Color Contrast Check

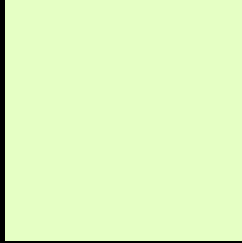
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 97, 31.404, 125.846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

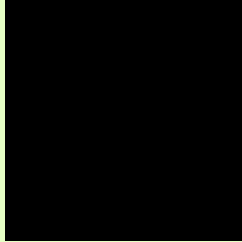
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

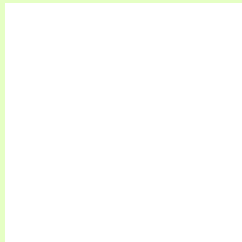
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 31.404, 125.846

Background



This preview shows how black text looks on a background with the CIELCh color 97, 31.404, 125.846.

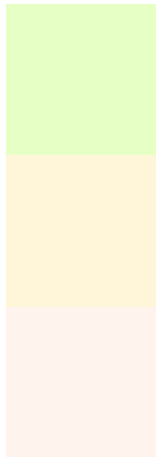


This preview shows how white text looks on a background with the CIELCh color 97, 31.404, 125.846.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

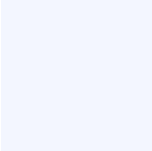
Dichromacy



Original Color
97, 31.404, 125.846

Protanopia
97, 15.122, 96.315

Deuteranopia
97, 5.301, 61.745

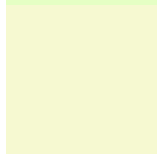


Tritanopia
97, 4.708, 277.847

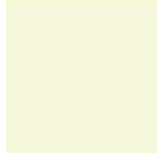
Trichromacy



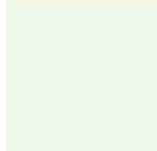
Original Color
97, 31.404, 125.846



Protanomaly
97, 20.347, 111.751

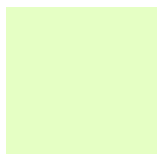


Deuteranomaly
97, 13.255, 112.310

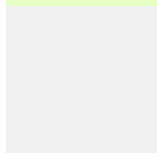


Tritanomaly
97, 8.627, 136.545

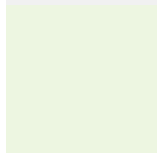
Monochromacy



Original Color
97, 31.404, 125.846



Achromatopsia
95, 0.011, 296.813



Achromatomaly
96, 11.228, 126.138

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 31.404, 125.846 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(229, 255, 196)` looks like.

```
.text, #text, p{  
    color:rgb(229, 255, 196)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(229, 255, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 255, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 31.404, 125.846 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(229, 255, 196) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(229, 255, 196) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(229, 255, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 255, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 255, 196); box-shadow:4px 4px 4px 4px rgb(229, 255, 196) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 31.404, 125.846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 255, 196) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(229,  
255, 196) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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