

Converting Colors

CIELCh(97, 25.904, 127.391)

Have a look what the booklet for
CIELCh(97, 25.904, 127.391)
contains.

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Color

CIELCh(97, 25.812, 127.460)

Conversions

Conversions Part 1

Format	Color
Hex	E7FECE
RGB	231, 254, 206
RGB Percent	91%, 100%, 81%
CMY	0.0936, 0.0034, 0.1916
CMYK	0.09, 0.00, 0.19, 0.00
HSL	89°, 97%, 90%
HSV	89°, 19%, 100%
XYZ	79.6368, 92.4403, 72.1192
YIQ	241.6510, 1.7000, -19.8040

Conversions

Conversions Part 2

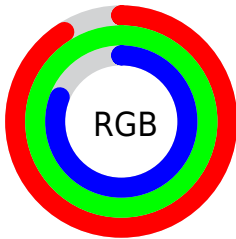
Format	Color
R_{YB}	206, 254, 229
Decimal	15204046
CIE _{Lab}	97.00, -15.70, 20.49
CIE _{LCh}	97, 25.812, 127.460
Yxy	92.4403, 0.3261, 0.3785
Android (android.graphics.Color)	4293394126 (0xFFE7FECE)
YUV	241.6510, -17.5759, -9.3409
Hunter-Lab	96.1459, -20.4052, 22.8286

Details

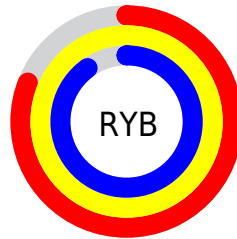
The CIELCh color **97, 25.812, 127.460** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **86, 26.527, 309.247**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 25.434, 127.632** is the 20% darker color. If you saturate the color by 10%, you get **96, 39.397, 126.966**, and if you desaturate by 10%, it is **98, 12.138, 127.947**.

Distribution



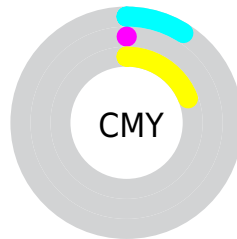
- Red (91%)
- Green (100%)
- Blue (81%)



- Red (81%)
- Yellow (100%)
- Blue (90%)



- Cyan (9%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)



- Cyan (9%)
- Magenta (0%)
- Yellow (19%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 25.812, 127.460 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, 25.812, 127.460 by changing the saturation by 10% instead.


 97, 25.812,
127.460

 97, 25.812,
127.460

 100, 25.812,
127.460


 87, 25.812,
127.460

 77, 25.812,
127.460

 67, 25.812,
127.460

 57, 25.812,
127.460

 47, 25.812,
127.460

 37, 25.812,
127.460

 27, 25.812,

127.460

■ 17, 25.812,
127.460

■ 7, 25.812, 127.460

■ 97, 25.812,
127.460

■ 97, 25.812,
127.460

■ 96, 39.397,
126.966

■ 98, 12.138,
127.947

■ 95, 52.732,
126.478

■ 100, 0.545,
323.893

■ 94, 65.596,
126.037

■ 93, 77.663,
125.703

■ 92, 88.472,
125.570

■ 91, 97.440,
125.761

■ 90, 104.001,
126.404

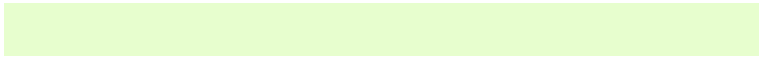
■ 90, 108.034,
127.531

■ 90, 108.410,
127.662

Harmonies

Complementary

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



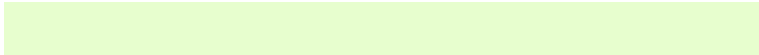
97, 25.812, 127.460



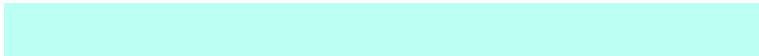
86, 26.527, 309.247

Rectangle

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



97, 25.812, 127.460



97, 25.812, 177.460



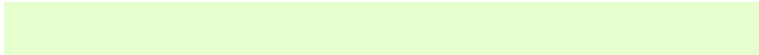
97, 25.812, 307.460



97, 25.812, 357.460

Sweetspot

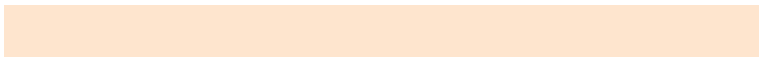
The Sweet Spot groups the original color and five complimentary colors.



97, 25.814, 127.462



99, 8.207, 128.086



92, 15.072, 69.451



53, 5.445, 128.054



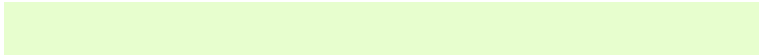
0, 0.000, 0.000



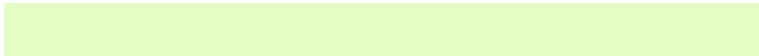
53, 0.007, 296.813

Same Dimension

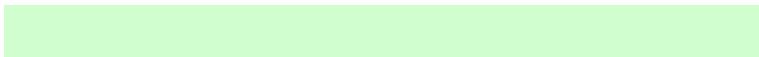
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 25.814, 127.462



97, 31.501, 127.259



95, 29.771, 142.398



53, 7.785, 127.918



70, 87.307, 127.379



24, 38.865, 125.815

Inverse Universe

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



86, 26.527, 309.247



83, 32.572, 309.468



88, 29.828, 324.543



49, 7.898, 308.768



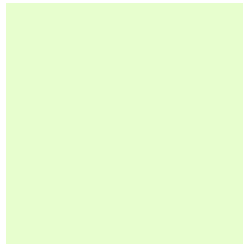
29, 100.983, 311.408



6, 44.916, 312.308

Previews

White Background



This preview shows how the CIELCh color 97, 25.812, 127.460 looks on a white background.

Color Contrast Check

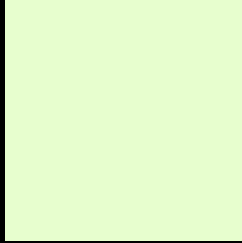
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 97, 25.812, 127.460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

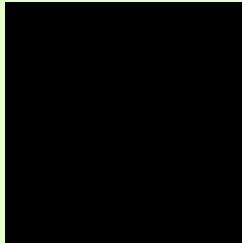
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

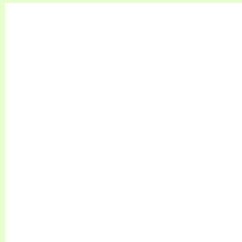
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 25.812, 127.460

Background



This preview shows how black text looks on a background with the CIELCh color 97, 25.812, 127.460.

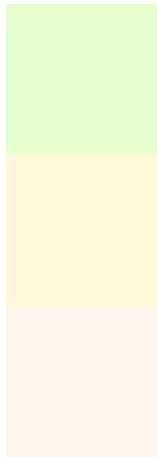


This preview shows how white text looks on a background with the CIELCh color 97, 25.812, 127.460.

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](#).

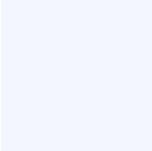
Dichromacy



Original Color
97, 25.812, 127.460

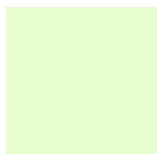
Protanopia
97, 13.634, 95.080

Deuteranopia
97, 4.969, 57.434

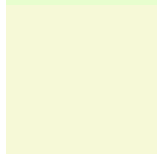


Tritanopia
97, 4.708, 277.847

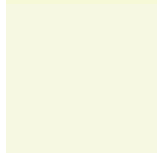
Trichromacy



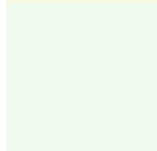
Original Color
97, 25.812, 127.460



Protanomaly
97, 17.319, 112.505

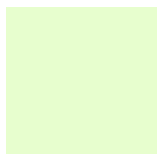


Deuteranomaly
97, 11.226, 113.015

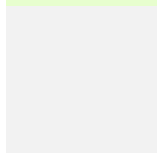


Tritanomaly
97, 7.103, 139.610

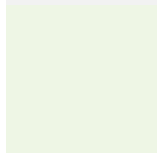
Monochromacy



Original Color
97, 25.812, 127.460



Achromatopsia
95, 0.011, 296.813



Achromatomaly
96, 9.167, 127.735

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 25.812, 127.460 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(231, 254, 206)` looks like.

```
.text, #text, p{  
    color:rgb(231, 254, 206)  
}
```

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(231, 254, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 254, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 25.812, 127.460 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(231, 254, 206) }
```

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

```
.border{ border-color:rgb(231, 254, 206) }
```

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

Here you see how a box with a 4 pixel rgb(231, 254, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 254, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 254, 206);  
box-shadow:4px 4px 4px 4px rgb(231, 254,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 25.812, 127.460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 254, 206) }
```

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

```
.background{ background-color: rgb(231,  
254, 206) }
```

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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