

Converting Colors

CIELCh(97, 29.684, 121.135)

Have a look what the booklet for
CIELCh(97, 29.684, 121.135)
contains.

CIELCh(97, 29.613, 121.115)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIElCh(97, 29.613, 121.115)

Conversions

Conversions Part 1

Format	Color
Hex	ECFEC5
RGB	236, 254, 197
RGB Percent	93%, 100%, 77%
CMY	0.0759, 0.0053, 0.2288
CMYK	0.07, 0.00, 0.22, 0.01
HSL	79°, 95%, 88%
HSV	79°, 22%, 99%
XYZ	79.8379, 92.4403, 66.2501
YIQ	242.1200, 7.5690, -21.5430

Conversions

Conversions Part 2

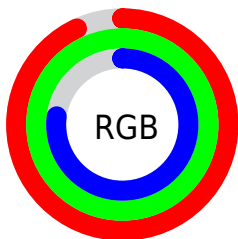
Format	Color
RYB	197, 254, 215
Decimal	15531717
CIELab	97.00, -15.30, 25.35
CIELCh	97, 29.613, 121.115
Yxy	92.4403, 0.3347, 0.3875
Android (android.graphics.Color)	4293721797 (0xFFEFCFC5)
YUV	242.1200, -22.2442, -5.3672
Hunter-Lab	96.1459, -20.0320, 26.4478

Details

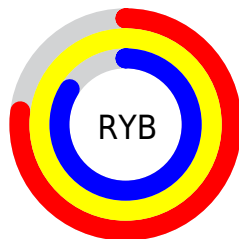
The CIELCh color **97, 29.613, 121.115** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **83, 30.926, 303.827**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.496, 109.985**, and **77, 29.369, 120.811** is the 20% darker color. If you saturate the color by 10%, you get **96, 42.582, 120.540**, and if you desaturate by 10%, it is **98, 16.467, 121.700**.

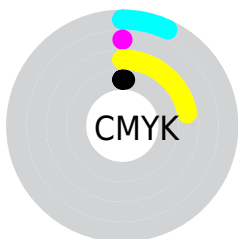
Distribution



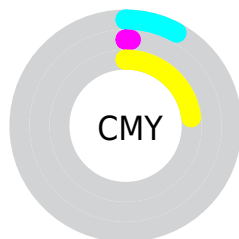
- Red (93%)
- Green (100%)
- Blue (77%)



- Red (77%)
- Yellow (100%)
- Blue (84%)



- Cyan (7%)
- Magenta (0%)
- Yellow (22%)
- Black (1%)





- Cyan (8%)
- Magenta (1%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 29.613, 121.115 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, 29.613, 121.115 by changing the saturation by 10% instead.


 97, 29.613,
121.115


 97, 29.613,
121.115


 100, 29.613,
121.115


 87, 29.613,
121.115

 77, 29.613,
121.115

 67, 29.613,
121.115

 57, 29.613,
121.115

 47, 29.613,
121.115

 37, 29.613,
121.115

 27, 29.613,

121.115

■ 17, 29.613,
121.115

■ 7, 29.613, 121.115

■ 97, 29.613,
121.115

■ 97, 29.613,
121.115

■ 96, 42.582,
120.540

■ 98, 16.467,
121.700

■ 95, 55.200,
119.994

■ 99, 3.251, 122.281

■ 94, 67.220,
119.525

100, 0.851,
324.108

■ 94, 78.275,
119.200

■ 93, 87.854,
119.113

■ 92, 95.353,
119.379

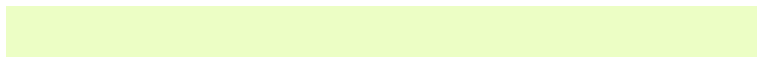
■ 92, 100.292,
120.105

■ 92, 102.497,
120.928

Harmonies

Complementary

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



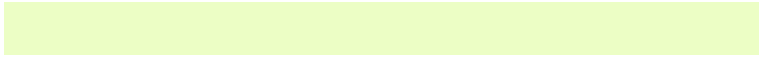
97, 29.613, 121.115



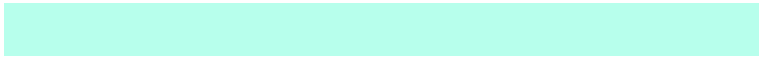
83, 30.926, 303.827

Rectangle

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



97, 29.613, 121.115



97, 29.613, 171.115



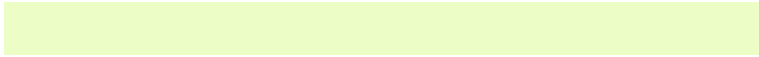
97, 29.613, 301.115



97, 29.613, 351.115

Sweetspot

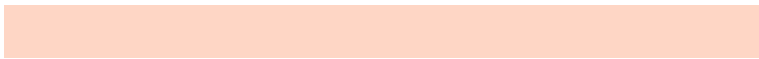
The Sweet Spot groups the original color and five complimentary colors.



97, 29.615, 121.118



99, 9.284, 122.015



88, 17.749, 50.134



53, 6.033, 121.980



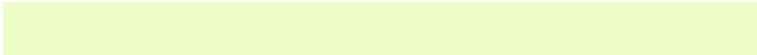
0, 0.000, 0.000



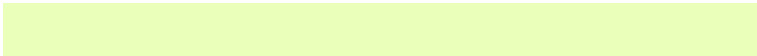
53, 0.007, 296.813

Same Dimension

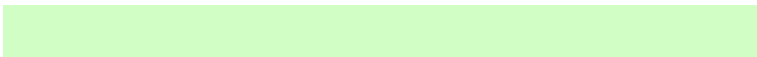
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 29.615, 121.118



97, 35.677, 120.853



95, 33.537, 137.671



53, 7.542, 121.871



71, 82.750, 120.674



24, 37.122, 119.261

Inverse Universe

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



83, 30.926, 303.827



79, 37.618, 304.167



85, 33.895, 319.814



49, 7.684, 302.948



26, 104.334, 308.516



5, 44.782, 308.085

Previews

White Background



This preview shows how the CIELCh color 97, 29.613, 121.115 looks on a white background.

Color Contrast Check

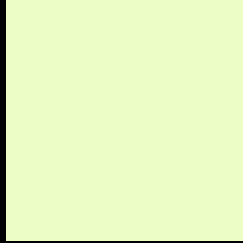
Large Text (above 18pt) WCAG AA × Fail

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, 29.613, 121.115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

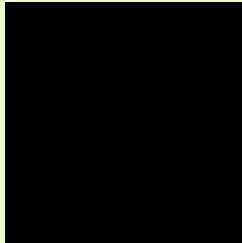
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

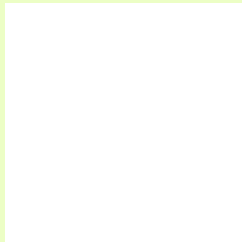
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 29.613, 121.115

Background



This preview shows how black text looks on a background with the CIELCh color 97, 29.613, 121.115.

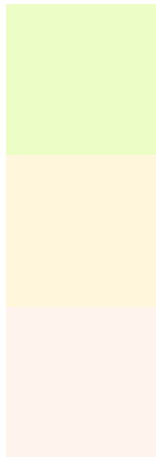


This preview shows how white text looks on a background with the CIELCh color 97, 29.613, 121.115.

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, 29.613, 121.115

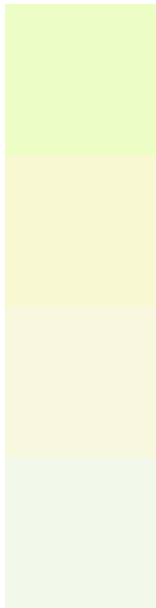
Protanopia
97, 14.129, 95.524

Deuteranopia
97, 5.301, 61.745



Tritanopia
97, 5.141, 294.439

Trichromacy



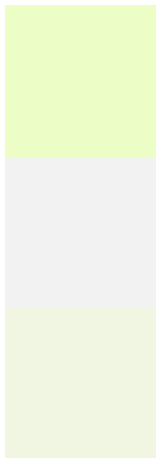
Original Color
97, 29.613, 121.115

Protanomaly
97, 19.302, 109.792

Deuteranomaly
97, 13.227, 109.157

Tritanomaly
97, 7.468, 126.283

Monochromacy



Original Color
97, 29.613, 121.115

Achromatopsia
95, 0.011, 296.813

Achromatomaly
96, 10.449, 121.342

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 29.613, 121.115 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(236, 254, 197)` looks like.

```
.text, #text, p{  
    color:rgb(236, 254, 197)  
}
```

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(236, 254, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 254, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 29.613, 121.115 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(236, 254, 197) }
```

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

```
.border{ border-color:rgb(236, 254, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 254, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(236, 254, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(236, 254, 197); box-shadow:4px 4px 4px 4px rgb(236, 254, 197) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 29.613, 121.115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 254, 197) }
```

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

```
.background{ background-color: rgb(236,  
254, 197) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor