

Converting Colors

CIELCh(97, 18.993, 110.827)

Have a look what the booklet for
CIELCh(97, 18.993, 110.827)
contains.

CIELCh(97, 18.811, 110.985)	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, 18.811, 110.985)

Conversions

Conversions Part 1

Format	Color
Hex	F7F9D4
RGB	247, 249, 212
RGB Percent	97%, 98%, 83%
CMY	0.0306, 0.0228, 0.1679
CMYK	0.01, 0.00, 0.15, 0.02
HSL	63°, 76%, 90%
HSV	63°, 15%, 98%
XYZ	84.2663, 92.4403, 75.8112
YIQ	244.1840, 10.6850, -11.9310

Conversions

Conversions Part 2

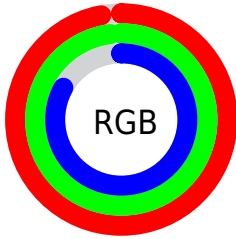
Format	Color
R _Y B	212, 249, 214
Decimal	16251348
CIE Lab	97.00, -6.74, 17.56
CIE LCh	97, 18.811, 110.985
Yxy	92.4403, 0.3337, 0.3661
Android (android.graphics.Color)	4294441428 (0xFFFF7F9D4)
YUV	244.1840, -15.8667, 2.4696
Hunter-Lab	96.1459, -11.8104, 20.5518

Details

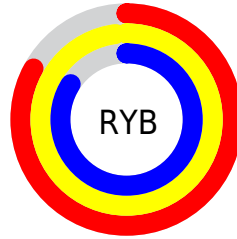
The CIELCh color **97, 18.811, 110.985** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **86, 19.467, 293.779**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 19.203, 111.901** is the 20% darker color. If you saturate the color by 10%, you get **96, 31.347, 110.096**, and if you desaturate by 10%, it is **98, 6.152, 111.876**.

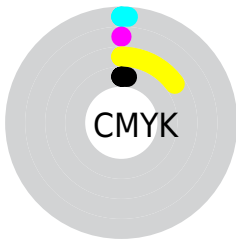
Distribution



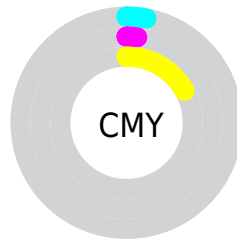
- Red (97%)
- Green (98%)
- Blue (83%)



- Red (83%)
- Yellow (98%)
- Blue (84%)



- Cyan (1%)
- Magenta (0%)
- Yellow (15%)
- Black (2%)





- Cyan (3%)
- Magenta (2%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 18.811, 110.985 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, 18.811, 110.985 by changing the saturation by 10% instead.


 97, 18.811,
110.985


 97, 18.811,
110.985

 100, 18.811,
110.985


 87, 18.811,
110.985

 77, 18.811,
110.985

 67, 18.811,
110.985

 57, 18.811,
110.985

 47, 18.811,
110.985

 37, 18.811,
110.985

 27, 18.811,

110.985

■ 17, 18.811,
110.985

■ 7, 18.811, 110.985

■ 97, 18.811,
110.985

■ 97, 18.811,
110.985

■ 96, 31.347,
110.096

■ 98, 6.152, 111.876

■ 96, 43.635,
109.213

■ 98, 2.983, 295.067

■ 98, 3.063, 303.846

■ 95, 55.497,
108.368

■ 98, 3.210, 312.019

■ 95, 66.653,
107.594

■ 98, 3.417, 319.360

■ 99, 3.614, 324.482

■ 95, 76.689,
106.934

■ 95, 85.048,
106.443

■ 94, 91.123,
106.178

■ 94, 94.520,
106.175

■ 94, 95.458,
106.254

Harmonies

Complementary

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



97, 18.811, 110.985



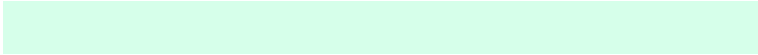
86, 19.467, 293.779

Rectangle

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



97, 18.811, 110.985



97, 18.811, 160.985



97, 18.811, 290.985



97, 18.811, 340.985

Sweetspot

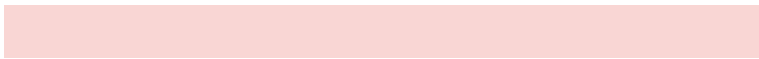
The Sweet Spot groups the original color and five complimentary colors.



97, 18.813, 110.991



100, 5.167, 111.949



88, 13.113, 24.492



53, 3.673, 111.884



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, 18.813, 110.991



99, 23.207, 110.707



96, 20.319, 130.148



52, 7.226, 111.468



73, 77.455, 106.197



24, 34.410, 106.069

Inverse Universe

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



86, 19.467, 293.779



85, 24.194, 294.140



88, 20.693, 311.446



48, 7.389, 293.211



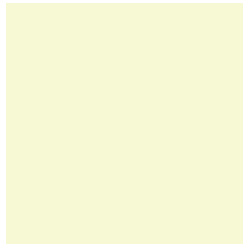
23, 106.437, 306.443



3, 42.183, 302.002

Previews

White Background



This preview shows how the CIE LCh color 97, 18.811, 110.985 looks on a white background.

Color Contrast Check

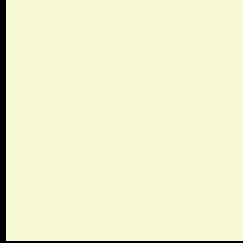
Large Text (above 18pt) WCAG AA × Fail

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, 18.811, 110.985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

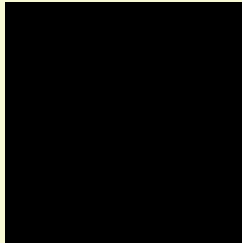
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 18.811, 110.985

Background



This preview shows how black text looks on a background with the CIELCh color 97, 18.811, 110.985.

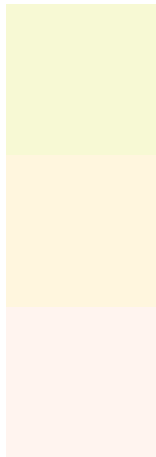


This preview shows how white text looks on a background with the CIELCh color 97, 18.811, 110.985.

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, 18.811, 110.985

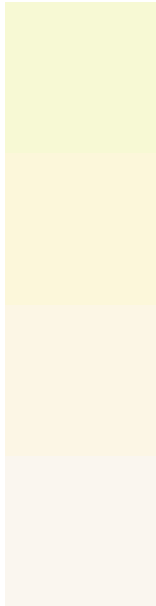
Protanopia
97, 12.646, 94.080

Deuteranopia
97, 4.670, 52.533



Tritanopia
97, 6.168, 313.832

Trichromacy



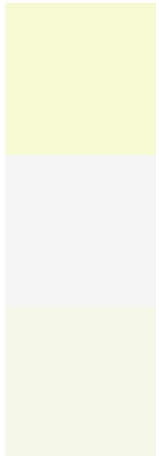
Original Color
97, 18.811, 110.985

Protanomaly
97, 14.861, 101.914

Deuteranomaly
97, 8.914, 95.378

Tritanomaly
97, 3.824, 87.993

Monochromacy



Original Color
97, 18.811, 110.985

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 7.148, 112.497

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 18.811, 110.985 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(247, 249, 212)` looks like.

```
.text, #text, p{  
    color:rgb(247, 249, 212)  
}
```

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(247, 249, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 249, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 18.811, 110.985 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(247, 249, 212) }
```

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

```
.border{ border-color:rgb(247, 249, 212) }
```

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

Here you see how a box with a 4 pixel rgb(247, 249, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 249, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 249, 212);  
box-shadow:4px 4px 4px 4px rgb(247, 249,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 18.811, 110.985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 249, 212) }
```

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

```
.background{ background-color: rgb(247,  
249, 212) }
```

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