

Converting Colors

CIELCh(97, 14.398, 111.883)

Have a look what the booklet for
CIELCh(97, 14.398, 111.883)
contains.

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Color

CIELCh(97, 14.765, 111.884)

Conversions

Conversions Part 1

Format	Color
Hex	F7F9DC
RGB	247, 249, 220
RGB Percent	97%, 98%, 86%
CMY	0.0325, 0.0247, 0.1384
CMYK	0.01, 0.00, 0.12, 0.02
HSL	64°, 70%, 92%
HSV	64°, 12%, 98%
XYZ	84.9170, 92.4403, 80.8754
YIQ	245.0960, 8.1170, -9.4430

Conversions

Conversions Part 2

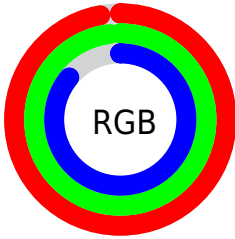
Format	Color
RYB	220, 249, 222
Decimal	16251356
CIELab	97.00, -5.50, 13.70
CIELCh	97, 14.765, 111.884
Yxy	92.4403, 0.3288, 0.3580
Android (android.graphics.Color)	4294441436 (0xFFFF7F9DC)
YUV	245.0960, -12.3723, 1.6698
Hunter-Lab	96.1459, -10.6022, 17.4289

Details

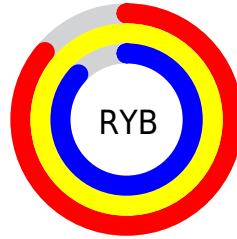
The CIELCh color **97, 14.765, 111.884** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **89, 15.169, 293.991**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 14.947, 111.757** is the 20% darker color. If you saturate the color by 10%, you get **96, 27.340, 111.018**, and if you desaturate by 10%, it is **98, 2.096, 112.736**.

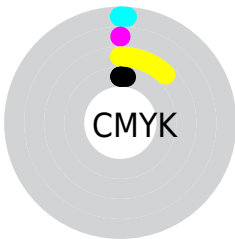
Distribution



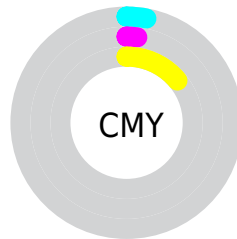
- Red (97%)
- Green (98%)
- Blue (86%)



- Red (86%)
- Yellow (98%)
- Blue (87%)



- Cyan (1%)
- Magenta (0%)
- Yellow (12%)
- Black (2%)



- Cyan (3%)
- Magenta (2%)
- Yellow (14%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 14.765, 111.884 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, 14.765, 111.884 by changing the saturation by 10% instead.

 97, 14.765,
111.884

 97, 14.765,
111.884

 100, 14.765,
111.884

 87, 14.765,
111.884

 77, 14.765,
111.884

 67, 14.765,
111.884

 57, 14.765,
111.884

 47, 14.765,
111.884

 37, 14.765,
111.884

 27, 14.765,

111.884

■ 17, 14.765,
111.884

■ 7, 14.765, 111.884

■ 97, 14.765,
111.884

■ 97, 14.765,
111.884

■ 96, 27.340,
111.018

■ 98, 2.096, 112.736

■ 96, 39.711,
110.152

■ 98, 3.264, 299.222

■ 95, 51.723,
109.314

■ 98, 3.414, 309.183

■ 95, 63.134,
108.536

■ 98, 3.657, 318.093

■ 98, 3.916, 324.499

■ 95, 73.576,
107.861

■ 94, 82.539,
107.344

■ 94, 89.414,
107.044

■ 94, 93.697,
107.014

■ 94, 95.445,
107.182

Harmonies

Complementary

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



97, 14.765, 111.884



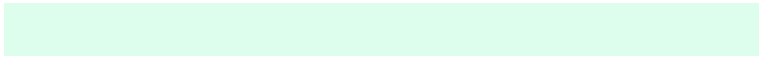
89, 15.169, 293.991

Rectangle

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



97, 14.765, 111.884



97, 14.765, 161.884



97, 14.765, 291.884



97, 14.765, 341.884

Sweetspot

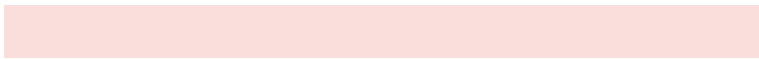
The Sweet Spot groups the original color and five complimentary colors.



97, 14.767, 111.891



100, 3.875, 112.630



90, 9.990, 25.768



53, 2.939, 112.564



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, 14.767, 111.891



99, 18.084, 111.685



96, 15.985, 130.868



52, 7.230, 112.078



73, 77.556, 107.110



24, 34.437, 106.890

Inverse Universe

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



89, 15.169, 293.991



89, 18.674, 294.237



90, 16.211, 311.857



48, 7.393, 293.774



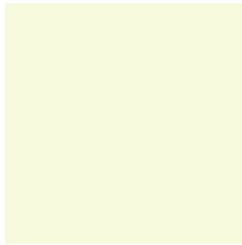
23, 106.356, 306.490



3, 42.225, 302.320

Previews

White Background



This preview shows how the CIELCh color 97, 14.765, 111.884 looks on a white background.

Color Contrast Check

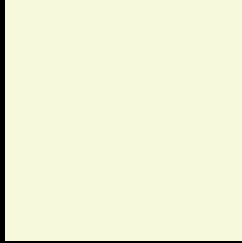
Large Text (above 18pt) WCAG AA × Fail

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, 14.765, 111.884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

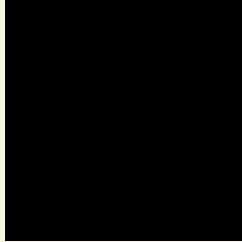
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

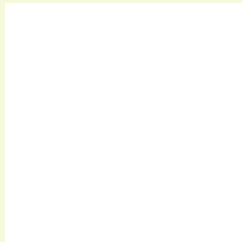
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 14.765, 111.884

Background



This preview shows how black text looks on a background with the CIELCh color 97, 14.765, 111.884.

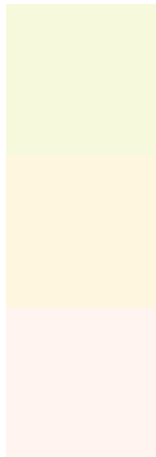


This preview shows how white text looks on a background with the CIELCh color 97, 14.765, 111.884.

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, 14.765, 111.884

Protanopia

97, 11.663, 92.897

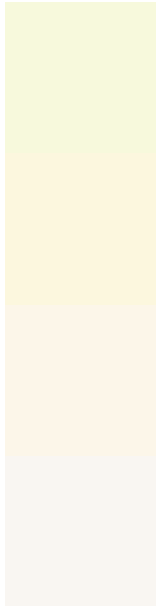
Deuteranopia

97, 4.410, 47.004



Tritanopia
97, 6.036, 310.798

Trichromacy



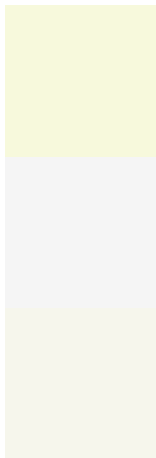
Original Color
97, 14.765, 111.884

Protanomaly
97, 12.844, 100.994

Deuteranomaly
97, 6.949, 91.531

Tritanomaly
97, 2.282, 82.223

Monochromacy



Original Color
97, 14.765, 111.884

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 5.094, 109.772

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 14.765, 111.884 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, 220)` looks like.

```
.text, #text, p{  
    color:rgb(247, 249, 220)  
}
```

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, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 249, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 14.765, 111.884 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, 220) }
```

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

```
.border{ border-color:rgb(247, 249, 220) }
```

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, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 249, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 249, 220);  
box-shadow:4px 4px 4px 4px rgb(247, 249,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 14.765, 111.884 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, 220) }
```

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

```
.background{ background-color: rgb(247,  
249, 220) }
```

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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