

Converting Colors

CIELCh(100, 30.241, 63.147)

Have a look what the booklet for
CIELCh(100, 30.241, 63.147)
contains.

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Color

CIELCh(96, 21.282, 97.297)

Conversions

Conversions Part 1

Format	Color
Hex	FFF4CB
RGB	255, 244, 203
RGB Percent	100%, 96%, 80%
CMY	0.0013, 0.0444, 0.2051
CMYK	0.00, 0.04, 0.20, 0.00
HSL	47°, 99%, 90%
HSV	47°, 20%, 100%
XYZ	84.1207, 90.0078, 69.2482
YIQ	242.6150, 19.7170, -10.4190

Conversions

Conversions Part 2

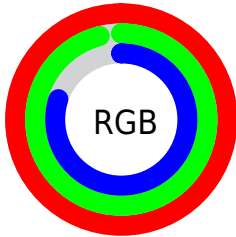
Format	Color
RYB	217, 255, 203
Decimal	16774347
CIELab	96.00, -2.70, 21.11
CIELCh	96, 21.282, 97.297
Yxy	90.0078, 0.3456, 0.3698
Android (android.graphics.Color)	4294964427 (0xFFFFF4CB)
YUV	242.6150, -19.5302, 10.8616
Hunter-Lab	94.8724, -7.7559, 23.1344

Details

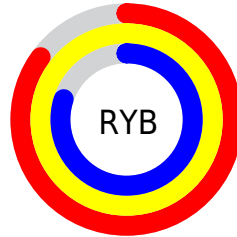
The CIELCh color **96, 21.282, 97.297** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **86, 21.732, 282.437**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 21.214, 97.286** is the 20% darker color. If you saturate the color by 10%, you get **94, 31.796, 96.080**, and if you desaturate by 10%, it is **98, 10.808, 98.489**.

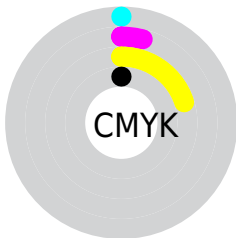
Distribution



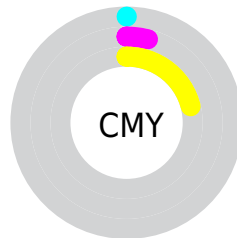
- Red (100%)
- Green (96%)
- Blue (80%)



- Red (85%)
- Yellow (100%)
- Blue (80%)



- Cyan (0%)
- Magenta (4%)
- Yellow (20%)
- Black (0%)



- Cyan (0%)
- Magenta (4%)
- Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 21.282, 97.297 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 96, 21.282, 97.297 by changing the saturation by 10% instead.

 96, 21.282, 97.297

 96, 21.282, 97.297

 100, 21.282,
97.297

 86, 21.282, 97.297

 76, 21.282, 97.297

 66, 21.282, 97.297

 56, 21.282, 97.297

 46, 21.282, 97.297

 36, 21.282, 97.297

 26, 21.282, 97.297

 16, 21.282, 97.297

 6, 21.282, 97.297

96, 21.282, 97.297

96, 21.282, 97.297

94, 31.796, 96.080

98, 10.808, 98.489

92, 42.256, 94.829

100, 0.414, 99.190

91, 52.505, 93.557

100, 0.111,
205.387

89, 62.266, 92.266

88, 71.075, 90.949

86, 78.234, 89.579

85, 82.905, 88.095

83, 84.804, 86.508

Harmonies

Complementary

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



96, 21.282, 97.297



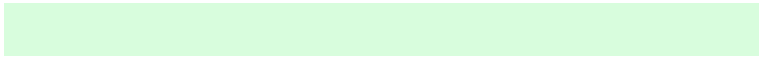
86, 21.732, 282.437

Rectangle

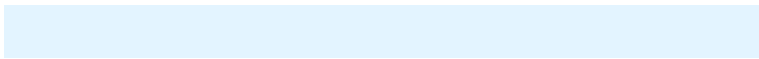
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 21.282, 97.297



96, 21.282, 147.297



96, 21.282, 277.297



96, 21.282, 327.297

Sweetspot

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



96, 21.284, 97.304



99, 6.217, 98.991



86, 20.124, 4.090



53, 4.126, 98.918



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

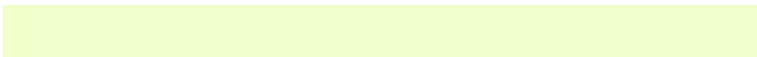
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 21.284, 97.304



95, 25.081, 96.868



98, 26.866, 119.952



52, 5.905, 98.594



64, 68.473, 86.832



22, 30.225, 88.990

Inverse Universe

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



86, 21.732, 282.437



84, 25.713, 283.010



84, 27.983, 302.535



49, 5.969, 280.888



28, 93.285, 302.122



6, 37.223, 297.261

Previews

White Background



This preview shows how the CIE LCh color 96, 21.282, 97.297 looks on a white background.

Color Contrast Check

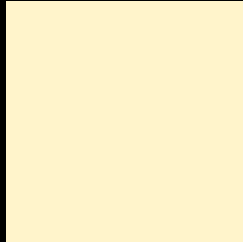
Large Text (above 18pt) WCAG AA × Fail

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 96, 21.282, 97.297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

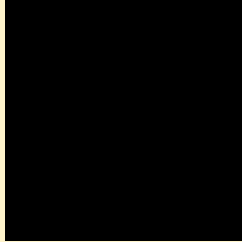
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 21.282, 97.297

Background



This preview shows how black text looks on a background with the CIELCh color 96, 21.282, 97.297.

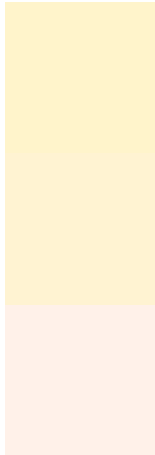


This preview shows how white text looks on a background with the CIELCh color 96, 21.282, 97.297.

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


96, 21.282, 97.297

Protanopia

96, 17.410, 93.928

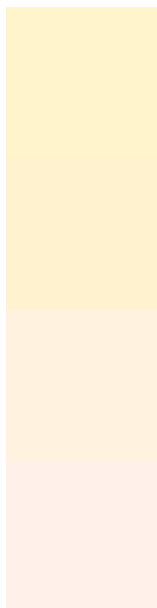
Deuteranopia

96, 6.483, 58.581



Tritanopia
96, 8.376, 332.702

Trichromacy



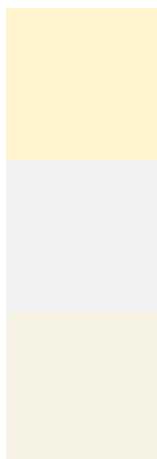
Original Color
96, 21.282, 97.297

Protanomaly
96, 18.894, 94.945

Deuteranomaly
96, 11.260, 84.278

Tritanomaly
96, 6.483, 58.581

Monochromacy



Original Color
96, 21.282, 97.297

Achromatopsia
95, 0.011, 296.813

Achromatomaly
96, 7.784, 98.857

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 21.282, 97.297 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(255, 244, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 244, 203)  
}
```

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(255, 244, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 244, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 21.282, 97.297 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(255, 244, 203) }
```

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

```
.border{ border-color:rgb(255, 244, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 244, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 244, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 244, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 244,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 21.282, 97.297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 244, 203) }
```

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

```
.background{ background-color: rgb(255,  
244, 203) }
```

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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