

Converting Colors

CIE LCh(96, 21.660, 96.736)

Have a look what the booklet for
CIELCh(96, 21.660, 96.736) contains.

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Color

CIELCh(96, 21.781, 97.502)

Conversions

Conversions Part 1

Format	Color
Hex	FFF4CA
RGB	255, 244, 202
RGB Percent	100%, 96%, 79%
CMY	0.0010, 0.0441, 0.2088
CMYK	0.00, 0.04, 0.21, 0.00
HSL	48°, 99%, 90%
HSV	48°, 21%, 100%
XYZ	84.0468, 90.0078, 68.6641
YIQ	242.5010, 20.0380, -10.7300

Conversions

Conversions Part 2

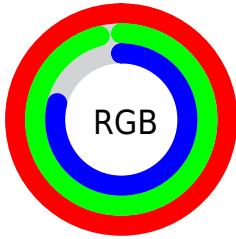
Format	Color
R _Y B	216, 255, 202
Decimal	16774346
CIE Lab	96.00, -2.84, 21.59
CIE LCh	96, 21.781, 97.502
Yxy	90.0078, 0.3463, 0.3708
Android (android.graphics.Color)	4294964426 (0xFFFFF4CA)
YUV	242.5010, -19.9670, 10.9616
Hunter-Lab	94.8724, -7.8950, 23.4994

Details

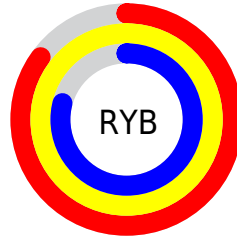
The CIELCh color **96, 21.781, 97.502** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **86, 22.267, 282.733**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 21.736, 97.483** is the 20% darker color. If you saturate the color by 10%, you get **94, 32.331, 96.288**, and if you desaturate by 10%, it is **98, 11.263, 98.692**.

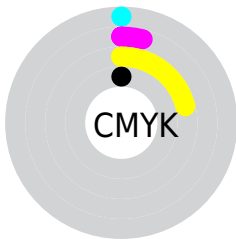
Distribution



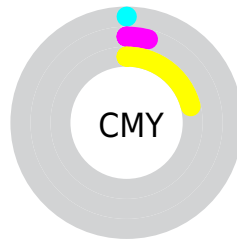
- Red (100%)
- Green (96%)
- Blue (79%)



- Red (85%)
- Yellow (100%)
- Blue (79%)



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



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 21.781, 97.502 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, 21.781, 97.502 by changing the saturation by 10% instead.

 96, 21.781, 97.502

 96, 21.781, 97.502

 100, 21.781,
97.502

 86, 21.781, 97.502

 76, 21.781, 97.502

 66, 21.781, 97.502

 56, 21.781, 97.502

 46, 21.781, 97.502

 36, 21.781, 97.502

 26, 21.781, 97.502

 16, 21.781, 97.502

 6, 21.781, 97.502

96, 21.781, 97.502

96, 21.781, 97.502

94, 32.331, 96.288

98, 11.263, 98.692

92, 42.818, 95.042

100, 0.821, 99.628

91, 53.078, 93.776

100, 0.091,
206.721

89, 62.825, 92.493

88, 71.586, 91.186

86, 78.655, 89.828

85, 83.198, 88.361

84, 84.961, 86.865

Harmonies

Complementary

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



96, 21.781, 97.502



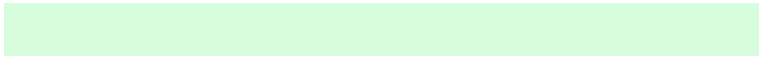
86, 22.267, 282.733

Rectangle

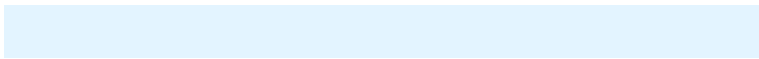
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 21.781, 97.502



96, 21.781, 147.502



96, 21.781, 277.502



96, 21.781, 327.502

Sweetspot

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



96, 21.783, 97.509



99, 6.243, 99.237



86, 20.530, 4.138



53, 4.143, 99.165



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

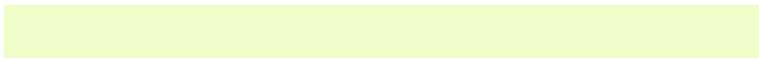
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 21.783, 97.509



95, 26.234, 97.000



98, 27.381, 119.928



52, 5.929, 98.842



65, 68.589, 87.182



22, 30.309, 89.306

Inverse Universe

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



86, 22.267, 282.733



83, 26.951, 283.409



84, 28.543, 302.565



49, 5.995, 281.128



27, 93.700, 302.257



6, 37.374, 297.385

Previews

White Background



This preview shows how the CIE LCh color 96, 21.781, 97.502 looks on a white background.

Color Contrast Check

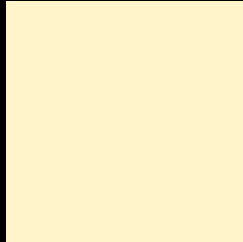
Large Text (above 18pt) WCAG AA × Fail

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, 21.781, 97.502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

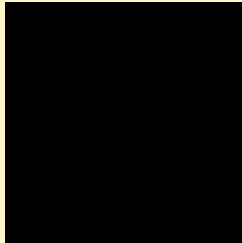
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 21.781, 97.502

Background



This preview shows how black text looks on a background with the CIELCh color 96, 21.781, 97.502.




This preview shows how white text looks on a background with the CIELCh color 96, 21.781, 97.502.

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](#).

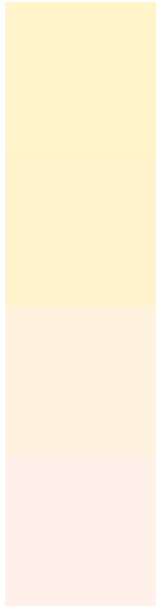
Dichromacy





Tritanopia
96, 8.376, 332.702

Trichromacy



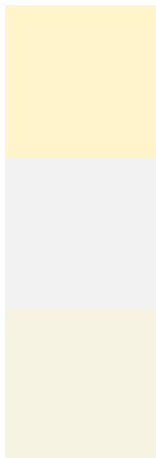
Original Color
96, 21.781, 97.502

Protanomaly
96, 19.389, 95.245

Deuteranomaly
96, 11.260, 84.278

Tritanomaly
96, 6.483, 58.581

Monochromacy



Original Color
96, 21.781, 97.502

Achromatopsia
95, 0.011, 296.813

Achromatomaly
96, 8.287, 99.459

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 21.781, 97.502 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, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 244, 202)  
}
```

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, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 244, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 21.781, 97.502 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, 202) }
```

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

```
.border{ border-color:rgb(255, 244, 202) }
```

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, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 244, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 244, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 244,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 21.781, 97.502 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, 202) }
```

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

```
.background{ background-color: rgb(255,  
244, 202) }
```

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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