

Converting Colors

CIELCh(100, 33.093, 59.651)

Have a look what the booklet for
CIELCh(100, 33.093, 59.651)
contains.

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Color

CIELCh(96, 21.974, 95.531)

Conversions

Conversions Part 1

Format	Color
Hex	FFF3C9
RGB	255, 243, 201
RGB Percent	100%, 95%, 79%
CMY	0.0000, 0.0459, 0.2108
CMYK	0.00, 0.05, 0.21, 0.00
HSL	47°, 100%, 89%
HSV	47°, 21%, 100%
XYZ	84.4287, 90.0078, 68.3318
YIQ	241.8000, 20.6340, -10.5180

Conversions

Conversions Part 2

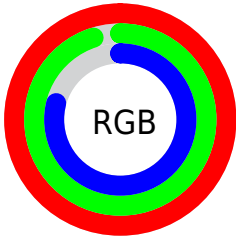
Format	Color
R _Y B	216, 255, 201
Decimal	16774089
CIE Lab	96.00, -2.12, 21.87
CIE LCh	96, 21.974, 95.531
Yxy	90.0078, 0.3478, 0.3708
Android (android.graphics.Color)	4294964169 (0xFFFFF3C9)
YUV	241.8000, -20.1144, 11.5764
Hunter-Lab	94.8724, -7.1764, 23.7071

Details

The CIELCh color **96, 21.974, 95.531** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **86, 22.319, 282.155**, 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, 21.837, 96.423** is the 20% darker color. If you saturate the color by 10%, you get **94, 32.335, 95.575**, and if you desaturate by 10%, it is **98, 11.441, 98.004**.

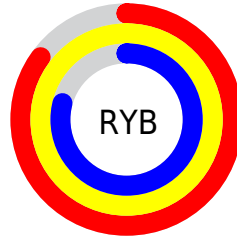
Distribution



Red (100%)

Green (95%)

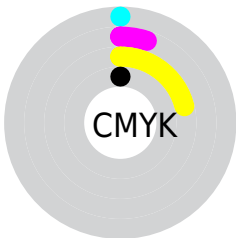
Blue (79%)



Red (85%)

Yellow (100%)

Blue (79%)

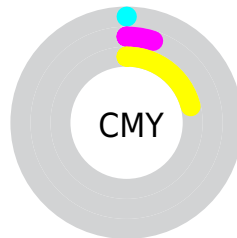


Cyan (0%)

Magenta (5%)

Yellow (21%)

Black (0%)



Cyan (0%)

Magenta (5%)

Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 21.974, 95.531 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, 21.974, 95.531 by changing the saturation by 10% instead.

 96, 21.974, 95.531

 96, 21.974, 95.531

 100, 21.974,
95.531

 86, 21.974, 95.531

 76, 21.974, 95.531

 66, 21.974, 95.531

 56, 21.974, 95.531

 46, 21.974, 95.531

 36, 21.974, 95.531

 26, 21.974, 95.531

 16, 21.974, 95.531

 6, 21.974, 95.531

96, 21.974, 95.531

96, 21.974, 95.531

94, 32.335, 95.575

98, 11.441, 98.004

92, 42.751, 94.314

100, 1.100, 99.004

91, 52.954, 93.030

100, 0.012,
296.813

89, 62.660, 91.724

87, 71.391, 90.386

86, 78.435, 88.984

84, 82.945, 87.451

83, 84.661, 85.923

Harmonies

Complementary

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



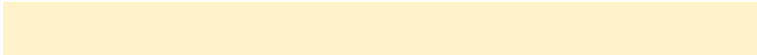
96, 21.974, 95.531



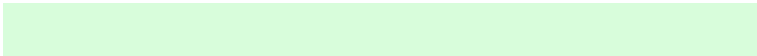
86, 22.319, 282.155

Rectangle

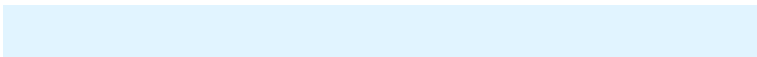
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 21.974, 95.531



96, 21.974, 145.531



96, 21.974, 275.531



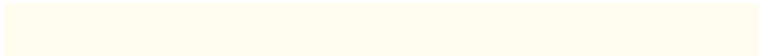
96, 21.974, 325.531

Sweetspot

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



96, 21.868, 96.809



99, 6.175, 98.586



86, 20.946, 2.937



53, 4.098, 98.513



0, 0.000, 0.000



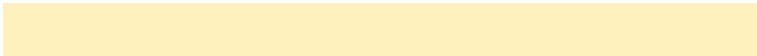
53, 0.007, 296.813

Same Dimension

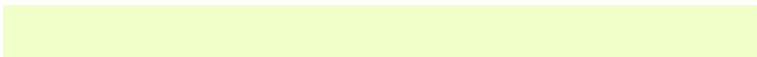
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 21.868, 96.809



95, 25.970, 96.329



98, 27.697, 119.245



52, 5.865, 98.188



64, 68.292, 86.260



21, 30.090, 88.473

Inverse Universe

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



86, 22.319, 282.155



83, 26.619, 282.792



84, 28.914, 302.001



50, 5.926, 280.494



28, 92.602, 301.898



6, 36.973, 297.053

Previews

White Background



This preview shows how the CIE LCh color 96, 21.974, 95.531 looks on a white background.

Color Contrast Check

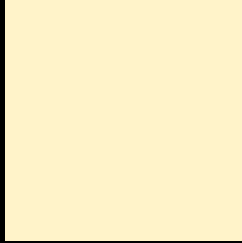
Large Text (above 18pt) WCAG AA × Fail

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, 21.974, 95.531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

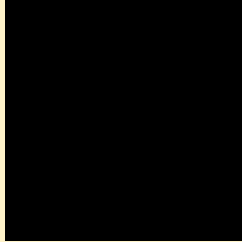
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 21.974, 95.531

Background



This preview shows how black text looks on a background with the CIELCh color 96, 21.974, 95.531.



This preview shows how white text looks on a background with the CIELCh color 96, 21.974, 95.531.

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, 21.874, 96.514

Protanopia

96, 18.398, 94.627

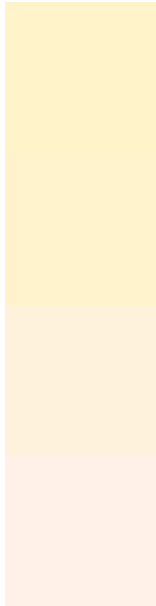
Deuteranopia

96, 6.821, 61.861



Tritanopia
96, 8.008, 335.179

Trichromacy



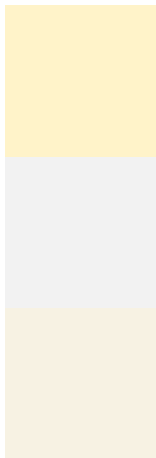
Original Color
96, 21.874, 96.514

Protanomaly
96, 19.389, 95.245

Deuteranomaly
96, 11.728, 85.266

Tritanomaly
96, 6.821, 61.861

Monochromacy



Original Color
96, 21.874, 96.514

Achromatopsia
95, 0.011, 296.813

Achromatomaly
96, 7.863, 96.246

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 21.974, 95.531 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, 243, 201)` looks like.

```
.text, #text, p{  
    color:rgb(255, 243, 201)  
}
```

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, 243, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 243, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 21.974, 95.531 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, 243, 201) }
```

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

```
.border{ border-color:rgb(255, 243, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 243, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 243, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 243, 201);  
box-shadow:4px 4px 4px 4px rgb(255, 243,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 21.974, 95.531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 243, 201) }
```

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

```
.background{ background-color: rgb(255,  
243, 201) }
```

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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