

Converting Colors

CIELCh(100, 35.829, 72.657)

Have a look what the booklet for
CIELCh(100, 35.829, 72.657)
contains.

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Color

CIECh(96, 29.116, 101.104)

Conversions

Conversions Part 1

Format	Color
Hex	FEF5BC
RGB	254, 245, 188
RGB Percent	100%, 96%, 74%
CMY	0.0040, 0.0392, 0.2626
CMYK	0.00, 0.04, 0.26, 0.00
HSL	52°, 97%, 87%
HSV	52°, 26%, 100%
XYZ	82.6031, 90.0078, 60.6213
YIQ	241.1930, 23.6610, -15.8190

Conversions

Conversions Part 2

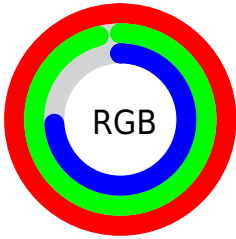
Format	Color
R _Y B	198, 254, 188
Decimal	16709052
CIE Lab	96.00, -5.61, 28.57
CIE LCh	96, 29.116, 101.104
Yxy	90.0078, 0.3542, 0.3859
Android (android.graphics.Color)	4294899132 (0xFFFEF5BC)
YUV	241.1930, -26.2241, 11.2317
Hunter-Lab	94.8724, -10.6112, 28.5258

Details

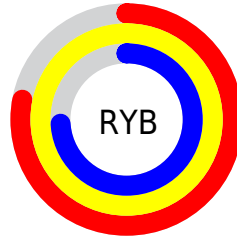
The CIELCh color **96, 29.116, 101.104** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **81, 30.378, 287.416**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 5.566, 109.748**, and **76, 29.408, 100.983** is the 20% darker color. If you saturate the color by 10%, you get **95, 40.234, 99.969**, and if you desaturate by 10%, it is **97, 17.900, 102.233**.

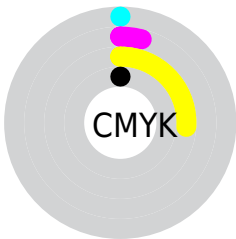
Distribution



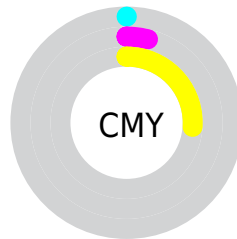
- Red (100%)
- Green (96%)
- Blue (74%)



- Red (78%)
- Yellow (100%)
- Blue (74%)



- Cyan (0%)
- Magenta (4%)
- Yellow (26%)
- Black (0%)





- Cyan (0%)
- Magenta (4%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 29.116, 101.104 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, 29.116, 101.104 by changing the saturation by 10% instead.


 96, 29.116,
101.104


 96, 29.116,
101.104


 100, 29.116,
101.104


 86, 29.116,
101.104

 76, 29.116,
101.104

 66, 29.116,
101.104

 56, 29.116,
101.104

 46, 29.116,
101.104

 36, 29.116,
101.104

 26, 29.116,

101.104

■ 16, 29.116,
101.104

■ 6, 29.116, 101.104

■ 96, 29.116,
101.104

■ 96, 29.116,
101.104

■ 95, 40.234, 99.969

■ 97, 17.900,
102.233

■ 93, 51.100, 98.827

■ 99, 6.669, 103.321

■ 92, 61.463, 97.695

100, 0.352,
201.265

■ 91, 70.920, 96.586

■ 90, 78.867, 95.510

■ 89, 84.556, 94.461

■ 88, 87.382, 93.414

■ 88, 87.931, 92.986

Harmonies

Complementary

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



96, 29.116, 101.104



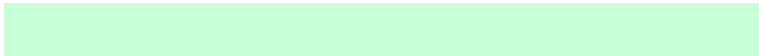
81, 30.378, 287.416

Rectangle

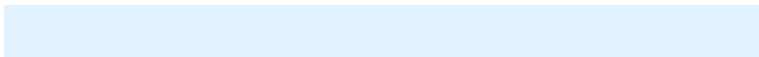
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 29.116, 101.104



96, 29.116, 151.104



96, 29.116, 281.104



96, 29.116, 331.104

Sweetspot

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



96, 29.118, 101.109



99, 8.985, 103.105



82, 25.508, 9.867



53, 6.388, 102.942



0, 0.000, 0.000



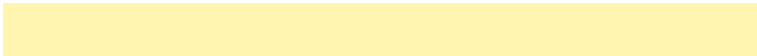
53, 0.007, 296.813

Same Dimension

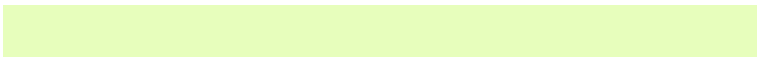
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 29.118, 101.109



96, 34.851, 100.535



97, 34.429, 122.255



53, 6.388, 102.942



68, 71.135, 93.173



23, 31.945, 94.618

Inverse Universe

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



81, 30.378, 287.416



77, 36.722, 288.262



80, 36.132, 305.254



49, 6.490, 285.092



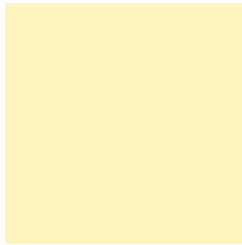
25, 100.280, 304.263



5, 39.796, 299.199

Previews

White Background



This preview shows how the CIE LCh color 96, 29.116, 101.104 looks on a white background.

Color Contrast Check

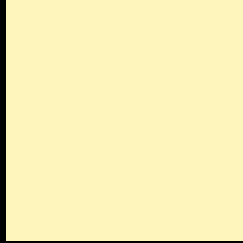
Large Text (above 18pt) WCAG AA × Fail

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, 29.116, 101.104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

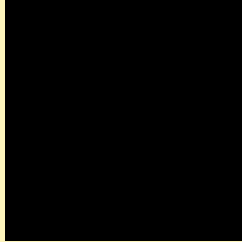
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 29.116, 101.104

Background



This preview shows how black text looks on a background with the CIELCh color 96, 29.116, 101.104.



This preview shows how white text looks on a background with the CIELCh color 96, 29.116, 101.104.

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, 29.137, 101.093

Protanopia

96, 18.894, 94.945

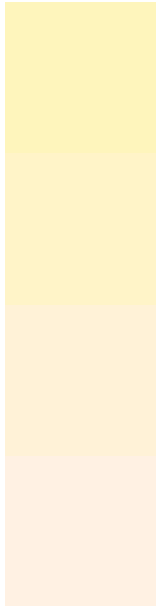
Deuteranopia

96, 7.181, 64.819



Tritanopia
96, 8.008, 335.179

Trichromacy



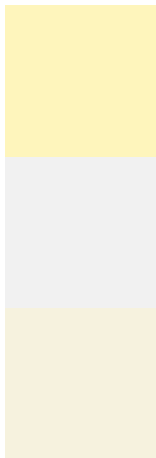
Original Color
96, 29.137, 101.093

Protanomaly
96, 22.778, 97.881

Deuteranomaly
96, 14.595, 89.788

Tritanomaly
96, 8.771, 74.019

Monochromacy



Original Color
96, 29.137, 101.093

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 10.314, 101.236

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 29.116, 101.104 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(254, 245, 188)` looks like.

```
.text, #text, p{  
    color:rgb(254, 245, 188)  
}
```

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(254, 245, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 245, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 29.116, 101.104 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(254, 245, 188) }
```

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

```
.border{ border-color:rgb(254, 245, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 245, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 245, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 245, 188);  
box-shadow:4px 4px 4px 4px rgb(254, 245,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 29.116, 101.104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 245, 188) }
```

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

```
.background{ background-color: rgb(254,  
245, 188) }
```

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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