

Converting Colors

CIE LCh(96, 19.220, 97.098)

Have a look what the booklet for
CIELCh(96, 19.220, 97.098) contains.

CIELCh(96, 19.212, 97.447)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(96, 19.212, 97.447)

Conversions

Conversions Part 1

Format	Color
Hex	FEF4CF
RGB	254, 244, 207
RGB Percent	100%, 96%, 81%
CMY	0.0052, 0.0444, 0.1894
CMYK	0.00, 0.04, 0.19, 0.01
HSL	47°, 95%, 90%
HSV	47°, 19%, 99%
XYZ	84.2327, 90.0078, 71.7659
YIQ	242.7720, 17.8370, -9.3870

Conversions

Conversions Part 2

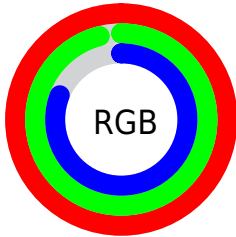
Format	Color
R _Y B	220, 254, 207
Decimal	16708815
CIE Lab	96.00, -2.49, 19.05
CIE LCh	96, 19.212, 97.447
Yxy	90.0078, 0.3424, 0.3659
Android (android.graphics.Color)	4294898895 (0xFFFEF4CF)
YUV	242.7720, -17.6356, 9.8470
Hunter-Lab	94.8724, -7.5451, 21.5610

Details

The CIELCh color **96, 19.212, 97.447** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **87, 19.576, 282.074**, 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, 19.046, 97.545** is the 20% darker color. If you saturate the color by 10%, you get **94, 29.679, 96.235**, and if you desaturate by 10%, it is **98, 8.796, 98.631**.

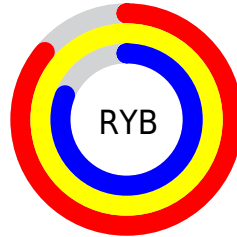
Distribution



Red (100%)

Green (96%)

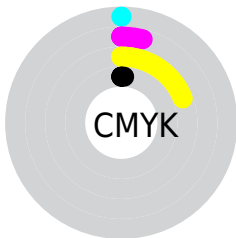
Blue (81%)



Red (86%)

Yellow (100%)

Blue (81%)

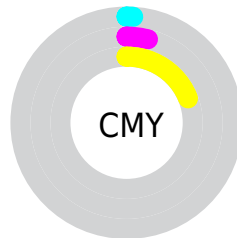


Cyan (0%)

Magenta (4%)

Yellow (19%)

Black (1%)



Cyan (1%)

Magenta (4%)

Yellow (19%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 19.212, 97.447 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, 19.212, 97.447 by changing the saturation by 10% instead.

 96, 19.212, 97.447

 96, 19.212, 97.447

 100, 19.212,
97.447

 86, 19.212, 97.447

 76, 19.212, 97.447

 66, 19.212, 97.447

 56, 19.212, 97.447

 46, 19.212, 97.447

 36, 19.212, 97.447

 26, 19.212, 97.447

 16, 19.212, 97.447

 6, 19.212, 97.447

96, 19.212, 97.447

96, 19.212, 97.447

94, 29.679, 96.235

98, 8.796, 98.631

92, 40.116, 94.988

100, 0.390,
245.085

91, 50.382, 93.718

100, 0.460,
200.816

89, 60.229, 92.429

88, 69.236, 91.115

86, 76.752, 89.754

85, 81.946, 88.292

83, 84.278, 86.652

83, 84.509, 86.402

Harmonies

Complementary

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



96, 19.212, 97.447



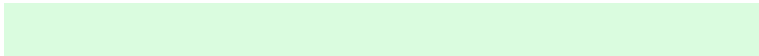
87, 19.576, 282.074

Rectangle

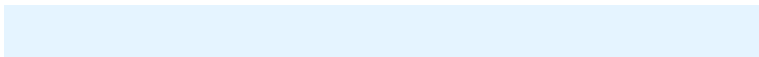
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 19.212, 97.447



96, 19.212, 147.447



96, 19.212, 277.447



96, 19.212, 327.447

Sweetspot

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



96, 19.214, 97.454



99, 6.209, 98.915



87, 18.121, 3.857



53, 4.120, 98.842



0, 0.000, 0.000



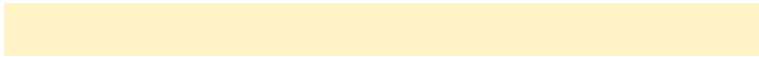
53, 0.007, 296.813

Same Dimension

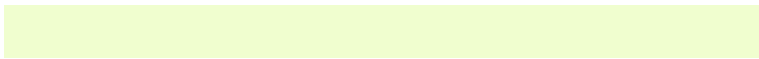
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 19.214, 97.454



96, 22.948, 97.033



98, 24.314, 120.068



52, 5.897, 98.518



64, 68.439, 86.724



22, 30.199, 88.893

Inverse Universe

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



87, 19.576, 282.074



85, 23.468, 282.614



85, 25.225, 302.392



50, 5.961, 280.814



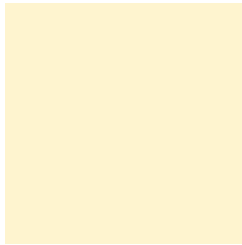
28, 93.157, 302.080



6, 37.176, 297.222

Previews

White Background



This preview shows how the CIE LCh color 96, 19.212, 97.447 looks on a white background.

Color Contrast Check

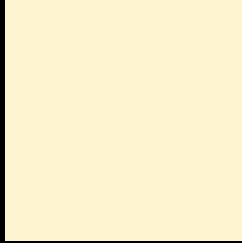
Large Text (above 18pt) WCAG AA × Fail

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, 19.212, 97.447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

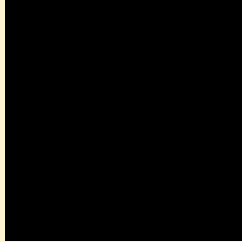
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 19.212, 97.447

Background



This preview shows how black text looks on a background with the CIELCh color 96, 19.212, 97.447.



This preview shows how white text looks on a background with the CIELCh color 96, 19.212, 97.447.

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, 19.212, 97.447

Protanopia

96, 17.410, 93.928

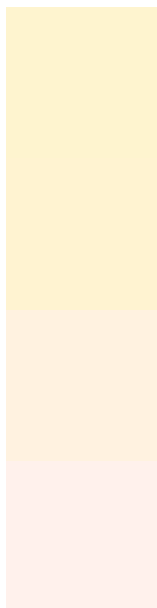
Deuteranopia

96, 6.168, 54.948



Tritanopia
96, 8.758, 330.441

Trichromacy



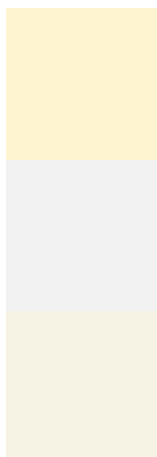
Original Color
96, 19.212, 97.447

Protanomaly
96, 17.904, 94.288

Deuteranomaly
96, 10.336, 82.024

Tritanomaly
96, 5.628, 46.539

Monochromacy



Original Color
96, 19.212, 97.447

Achromatopsia
95, 0.011, 296.813

Achromatomaly
96, 7.222, 100.988

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 19.212, 97.447 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, 244, 207)` looks like.

```
.text, #text, p{  
    color:rgb(254, 244, 207)  
}
```

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, 244, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 244, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 19.212, 97.447 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, 244, 207) }
```

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

```
.border{ border-color:rgb(254, 244, 207) }
```

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

Here you see how a box with a 4 pixel rgb(254, 244, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 244, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 244, 207);  
box-shadow:4px 4px 4px 4px rgb(254, 244,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 19.212, 97.447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 244, 207) }
```

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

```
.background{ background-color: rgb(254,  
244, 207) }
```

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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