

Converting Colors

CIELCh(96, 43.687, 114.855)

Have a look what the booklet for
CIELCh(96, 43.687, 114.855)
contains.

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Color

CIELCh(96, 44.074, 114.922)

Conversions

Conversions Part 1

Format	Color
Hex	ECFCA5
RGB	236, 252, 165
RGB Percent	93%, 99%, 65%
CMY	0.0753, 0.0125, 0.3537
CMYK	0.06, 0.00, 0.35, 0.01
HSL	71°, 93%, 82%
HSV	71°, 35%, 99%
XYZ	76.0512, 90.0078, 48.8743
YIQ	237.2980, 18.3910, -30.4490

Conversions

Conversions Part 2

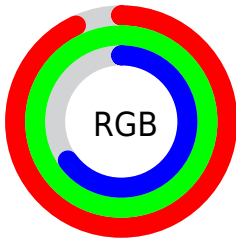
Format	Color
RYB	165, 252, 181
Decimal	15531173
CIELab	96.00, -18.57, 39.97
CIELCh	96, 44.074, 114.922
Yxy	90.0078, 0.3538, 0.4188
Android (android.graphics.Color)	4293721253 (0xFFECFCA5)
YUV	237.2980, -35.6429, -1.1383
Hunter-Lab	94.8724, -22.9384, 35.8670

Details

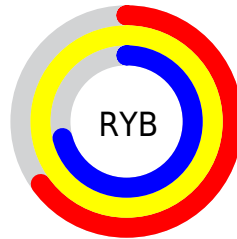
The CIELCh color **96, 44.074, 114.922** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **72, 47.801, 300.478**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 17.195, 108.877**, and **76, 43.834, 114.811** is the 20% darker color. If you saturate the color by 10%, you get **95, 56.205, 114.258**, and if you desaturate by 10%, it is **97, 31.533, 115.632**.

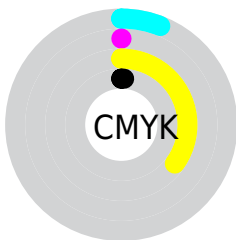
Distribution



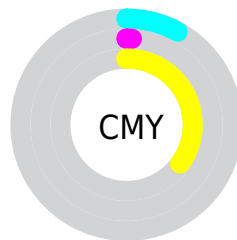
- Red (93%)
- Green (99%)
- Blue (65%)



- Red (65%)
- Yellow (99%)
- Blue (71%)



- Cyan (6%)
- Magenta (0%)
- Yellow (35%)
- Black (1%)



- Cyan (8%)
- Magenta (1%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 44.074, 114.922 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, 44.074, 114.922 by changing the saturation by 10% instead.

 96, 44.074,
114.922

 96, 44.074,
114.922

 100, 44.074,
114.922

 86, 44.074,
114.922

 76, 44.074,
114.922

 66, 44.074,
114.922

 56, 44.074,
114.922

 46, 44.074,
114.922

 36, 44.074,
114.922

 26, 44.074,

114.922

■ 16, 44.074,
114.922

■ 6, 44.074, 114.922

■ 96, 44.074,
114.922

■ 96, 44.074,
114.922

■ 95, 56.205,
114.258

■ 97, 31.533,
115.632

■ 95, 67.649,
113.675

■ 98, 18.757,
116.350

■ 94, 78.004,
113.235

■ 98, 5.866, 117.061

■ 99, 1.866, 318.505

■ 94, 86.726,
113.020

■ 99, 1.988, 324.356

■ 93, 93.205,
113.122

■ 93, 97.031,
113.614

■ 93, 98.225,
114.016

Harmonies

Complementary

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



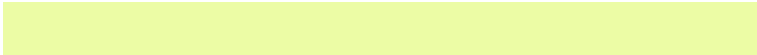
96, 44.074, 114.922



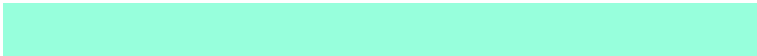
72, 47.801, 300.478

Rectangle

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



96, 44.074, 114.922



96, 44.074, 164.922



96, 44.074, 294.922



96, 44.074, 344.922

Sweetspot

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



96, 44.076, 114.925



99, 13.037, 116.674



80, 30.062, 37.698



53, 8.893, 116.574



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

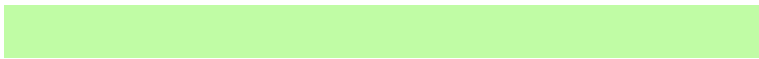
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 44.076, 114.925



97, 52.496, 114.486



93, 49.366, 133.523



52, 7.290, 116.711



72, 79.021, 113.835



24, 34.900, 112.988

Inverse Universe

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



72, 47.801, 300.478



68, 58.013, 301.234



76, 50.760, 316.699



48, 7.446, 298.080



24, 105.321, 307.119



4, 42.523, 304.619

Previews

White Background



This preview shows how the CIELCh color 96, 44.074, 114.922 looks on a white background.

Color Contrast Check

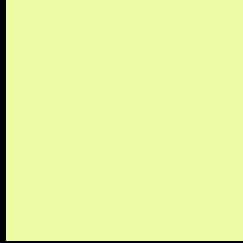
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 96, 44.074, 114.922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

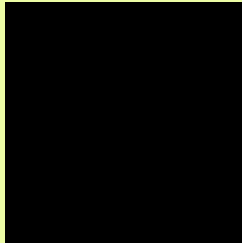
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 44.074, 114.922

Background



This preview shows how black text looks on a background with the CIELCh color 96, 44.074, 114.922.

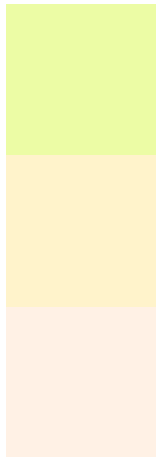


This preview shows how white text looks on a background with the CIELCh color 96, 44.074, 114.922.

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, 44.074, 114.922

Protanopia

96, 20.879, 96.049

Deuteranopia

96, 7.949, 69.887

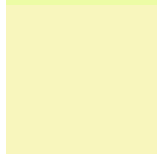


Tritanopia
96, 7.510, 306.784

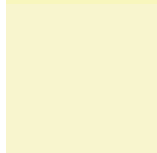
Trichromacy



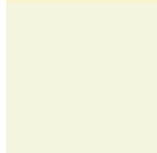
Original Color
96, 44.074, 114.922



Protanomaly
96, 28.923, 106.404



Deuteranomaly
96, 19.883, 105.394

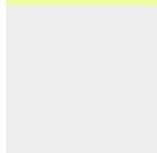


Tritanomaly
96, 11.760, 112.812

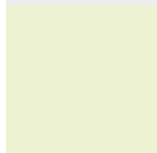
Monochromacy



Original Color
96, 44.074, 114.922



Achromatopsia
94, 0.011, 296.813



Achromatomaly
94, 15.964, 115.559

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 44.074, 114.922 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(236, 252, 165)` looks like.

```
.text, #text, p{  
    color:rgb(236, 252, 165)  
}
```

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(236, 252, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 252, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 44.074, 114.922 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(236, 252, 165) }
```

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

```
.border{ border-color:rgb(236, 252, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 252, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 252, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 252, 165);  
box-shadow:4px 4px 4px 4px rgb(236, 252,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 44.074, 114.922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 252, 165) }
```

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

```
.background{ background-color: rgb(236,  
252, 165) }
```

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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