

Converting Colors

CIELCh(100, 69.702, 121.121)

Have a look what the booklet for
CIELCh(100, 69.702, 121.121)
contains.

CIELCh(96, 61.402, 117.473)	3
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Color

CIELCh(96, 61.402, 117.473)

Conversions

Conversions Part 1

Format	Color
Hex	E0FF86
RGB	224, 255, 134
RGB Percent	88%, 100%, 53%
CMY	0.1202, 0.0000, 0.4735
CMYK	0.12, 0.00, 0.47, 0.00
HSL	75°, 100%, 76%
HSV	75°, 47%, 100%
XYZ	71.3568, 90.0078, 36.2579
YIQ	231.9370, 20.3650, -44.2030

Conversions

Conversions Part 2

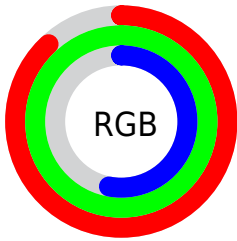
Format	Color
RYB	134, 255, 165
Decimal	14745478
CIELab	96.00, -28.33, 54.48
CIElCh	96, 61.402, 117.473
Yxy	90.0078, 0.3611, 0.4555
Android (android.graphics.Color)	4292935558 (0xFFE0FF86)
YUV	231.9370, -48.2829, -6.9607
Hunter-Lab	94.8724, -31.7709, 43.7515

Details

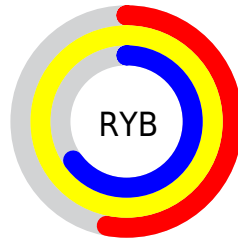
The CIELCh color **96, 61.402, 117.473** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **64, 67.880, 304.041**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 33.205, 107.650**, and **76, 60.576, 117.126** is the 20% darker color. If you saturate the color by 10%, you get **95, 72.195, 116.673**, and if you desaturate by 10%, it is **96, 48.484, 117.708**.

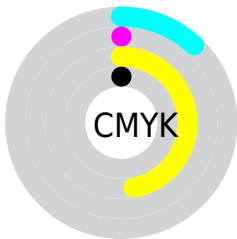
Distribution



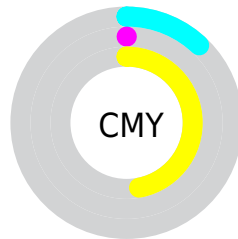
- Red (88%)
- Green (100%)
- Blue (53%)



- Red (53%)
- Yellow (100%)
- Blue (65%)



- Cyan (12%)
- Magenta (0%)
- Yellow (47%)
- Black (0%)





- Cyan (12%)
- Magenta (0%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 61.402, 117.473 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, 61.402, 117.473 by changing the saturation by 10% instead.


 96, 61.402,
117.473


 96, 61.402,
117.473


 100, 61.402,
117.473


 86, 61.402,
117.473

 76, 61.402,
117.473

 66, 61.402,
117.473

 56, 61.402,
117.473

 46, 61.402,
117.473

 36, 61.402,
117.473

 26, 61.402,

117.473

■ 16, 61.402,
117.473

■ 6, 61.402, 117.473

■ 96, 61.402,
117.473

■ 96, 61.402,
117.473

■ 95, 72.195,
116.673

■ 96, 48.484,
117.708

■ 94, 82.440,
116.386

■ 97, 35.768,
118.330

■ 94, 90.885,
116.377

■ 98, 22.782,
118.970

■ 93, 96.940,
116.751

■ 99, 9.663, 119.606

100, 0.012,

■ 93,100.341,
117.574

296.813

■ 93,100.989,
117.832

Harmonies

Complementary

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



96, 61.402, 117.473



64, 67.880, 304.041

Rectangle

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



96, 61.402, 117.473



96, 61.402, 167.473



96, 61.402, 297.473



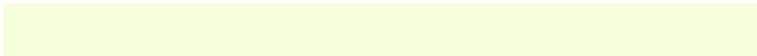
96, 61.402, 347.473

Sweetspot

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



96, 60.729, 117.138



99, 18.395, 119.184



76, 42.296, 44.302



52, 12.694, 119.046



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, 60.729, 117.138



95, 71.810, 116.686



92, 69.042, 134.714



53, 7.473, 119.470



72, 81.240, 117.605



25, 36.576, 116.377

Inverse Universe

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



64, 67.880, 304.041



57, 82.692, 305.084



70, 70.902, 319.299



49, 7.624, 300.674



25, 105.402, 307.758



4, 44.665, 306.664

Previews

White Background



This preview shows how the CIELCh color 96, 61.402, 117.473 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, 61.402, 117.473 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

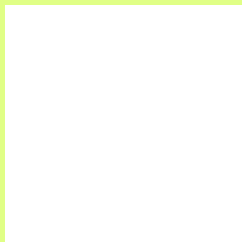
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 61.402, 117.473

Background



This preview shows how black text looks on a background with the CIELCh color 96, 61.402, 117.473.



This preview shows how white text looks on a background with the CIELCh color 96, 61.402, 117.473.

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



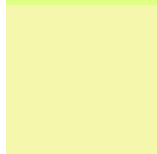


Tritanopia
95, 7.195, 288.002

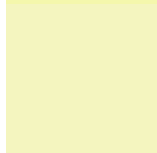
Trichromacy



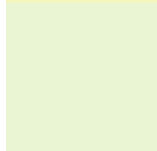
Original Color
96, 60.871, 117.233



Protanomaly
95, 37.872, 108.985



Deuteranomaly
95, 27.437, 108.824

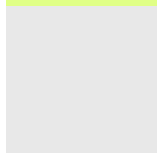


Tritanomaly
95, 18.414, 122.636

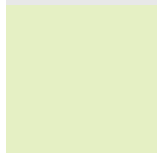
Monochromacy



Original Color
96, 60.871, 117.233



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 22.898, 118.755

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 61.402, 117.473 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(224, 255, 134)` looks like.

```
.text, #text, p{  
    color:rgb(224, 255, 134)  
}
```

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(224, 255, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 255, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 61.402, 117.473 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(224, 255, 134) }
```

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

```
.border{ border-color:rgb(224, 255, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 255, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 255, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 255, 134);  
box-shadow:4px 4px 4px 4px rgb(224, 255,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 61.402, 117.473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 255, 134) }
```

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

```
.background{ background-color: rgb(224,  
255, 134) }
```

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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