

Converting Colors

CIELCh(96, 57.107, 117.422)

Have a look what the booklet for
CIELCh(96, 57.107, 117.422)
contains.

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Color

CIELCh(96, 57.101, 117.421)

Conversions

Conversions Part 1

Format	Color
Hex	E2FF8E
RGB	226, 255, 142
RGB Percent	89%, 100%, 56%
CMY	0.1120, 0.0000, 0.4415
CMYK	0.11, 0.00, 0.44, 0.00
HSL	75°, 100%, 78%
HSV	75°, 44%, 100%
XYZ	72.3174, 90.0078, 39.3155
YIQ	233.4470, 18.9890, -41.2910

Conversions

Conversions Part 2

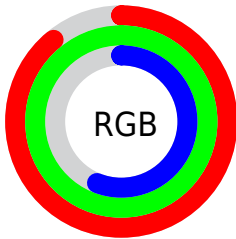
Format	Color
RYB	142, 255, 171
Decimal	14876558
CIELab	96.00, -26.30, 50.69
CIELCh	96, 57.101, 117.421
Yxy	90.0078, 0.3586, 0.4464
Android (android.graphics.Color)	4293066638 (0xFFE2FF8E)
YUV	233.4470, -45.0834, -6.5310
Hunter-Lab	94.8724, -29.9635, 41.8407

Details

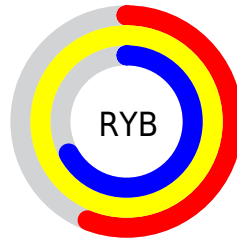
The CIELCh color **96, 57.101, 117.421** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **66, 62.985, 303.698**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 29.230, 107.956**, and **76, 56.934, 117.332** is the 20% darker color. If you saturate the color by 10%, you get **95, 68.631, 116.797**, and if you desaturate by 10%, it is **97, 44.452, 117.894**.

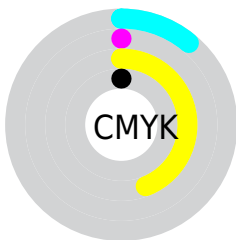
Distribution



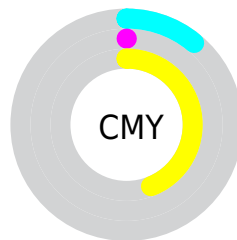
- Red (89%)
- Green (100%)
- Blue (56%)



- Red (56%)
- Yellow (100%)
- Blue (67%)



- Cyan (11%)
- Magenta (0%)
- Yellow (44%)
- Black (0%)





- Cyan (11%)
- Magenta (0%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 57.101, 117.421 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, 57.101, 117.421 by changing the saturation by 10% instead.


 96, 57.101,
117.421


 96, 57.101,
117.421


 100, 57.101,
117.421


 86, 57.101,
117.421

 76, 57.101,
117.421

 66, 57.101,
117.421

 56, 57.101,
117.421

 46, 57.101,
117.421

 36, 57.101,
117.421

 26, 57.101,

117.421

■ 16, 57.101,
117.421

■ 6, 57.101, 117.421

■ 96, 57.101,
117.421

■ 96, 57.101,
117.421

■ 95, 68.631,
116.797

■ 97, 44.452,
117.894

■ 95, 79.323,
116.443

■ 98, 31.631,
118.525

■ 94, 88.412,
116.333

■ 99, 18.592,
119.166

■ 93, 95.285,
116.573

■ 100, 5.452,
119.800

■ 93, 99.516,
117.253

100, 0.012,
296.813

■ 93, 100.983,
117.821

Harmonies

Complementary

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



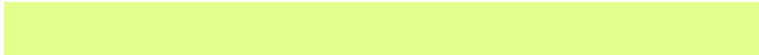
96, 57.101, 117.421



66, 62.985, 303.698

Rectangle

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



96, 57.101, 117.421



96, 57.101, 167.421



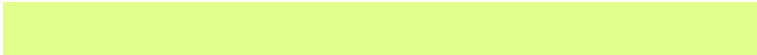
96, 57.101, 297.421



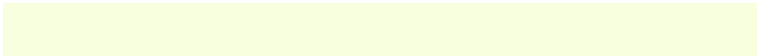
96, 57.101, 347.421

Sweetspot

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



96, 56.875, 117.303



99, 17.083, 119.239



77, 38.930, 44.278



52, 11.949, 119.098



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

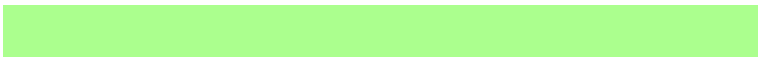
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 56.875, 117.303



95, 67.324, 116.849



93, 64.601, 134.913



53, 7.473, 119.461



72, 81.235, 117.594



25, 36.574, 116.366

Inverse Universe

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



66, 62.985, 303.698



59, 76.554, 304.643



72, 66.255, 319.183



49, 7.624, 300.666



25, 105.405, 307.755



4, 44.665, 306.659

Previews

White Background



This preview shows how the CIE LCh color 96, 57.101, 117.421 looks on a white background.

Color Contrast Check

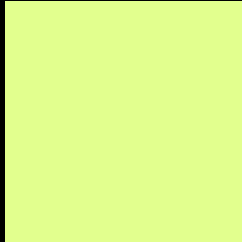
Large Text (above 18pt) WCAG AA × Fail

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, 57.101, 117.421 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, 57.101, 117.421

Background



This preview shows how black text looks on a background with the CIELCh color 96, 57.101, 117.421.

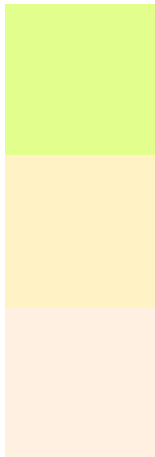


This preview shows how white text looks on a background with the CIELCh color 96, 57.101, 117.421.

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, 57.101, 117.421

Protanopia
96, 23.367, 97.124

Deuteranopia
96, 8.998, 72.105

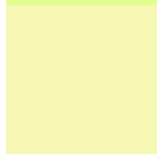


Tritanopia
96, 6.674, 290.701

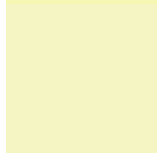
Trichromacy



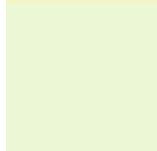
Original Color
96, 57.101, 117.421



Protanomaly
96, 34.893, 108.724



Deuteranomaly
95, 24.914, 108.229

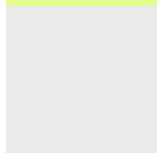


Tritanomaly
96, 17.321, 122.320

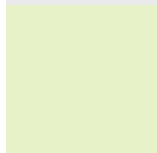
Monochromacy



Original Color
96, 57.101, 117.421



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 21.367, 119.572

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 57.101, 117.421 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(226, 255, 142)` looks like.

```
.text, #text, p{  
    color:rgb(226, 255, 142)  
}
```

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(226, 255, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 255, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 57.101, 117.421 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(226, 255, 142) }
```

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

```
.border{ border-color:rgb(226, 255, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 255, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 255, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 255, 142);  
box-shadow:4px 4px 4px 4px rgb(226, 255,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 57.101, 117.421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 255, 142) }
```

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

```
.background{ background-color: rgb(226,  
255, 142) }
```

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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