

Converting Colors

CIELCh(100, 75.607, 115.228)

Have a look what the booklet for
CIELCh(100, 75.607, 115.228)
contains.

CIELCh(96, 68.815, 111.694)	3
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Color

CIELCh(96, 68.815, 111.694)

Conversions

Conversions Part 1

Format	Color
Hex	EBFF72
RGB	235, 255, 114
RGB Percent	92%, 100%, 45%
CMY	0.0803, 0.0018, 0.5547
CMYK	0.08, 0.00, 0.55, 0.00
HSL	69°, 99%, 72%
HSV	69°, 55%, 100%
XYZ	72.7264, 90.0078, 29.3278
YIQ	232.9460, 33.3410, -48.0910

Conversions

Conversions Part 2

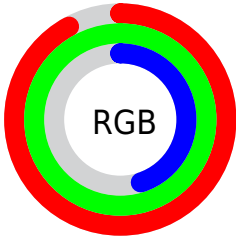
Format	Color
RYB	114, 255, 134
Decimal	15466354
CIELab	96.00, -25.44, 63.94
CIELCh	96, 68.815, 111.694
Yxy	90.0078, 0.3787, 0.4686
Android (android.graphics.Color)	4293656434 (0xFFEBFF72)
YUV	232.9460, -58.6404, 1.8014
Hunter-Lab	94.8724, -29.1939, 48.0825

Details

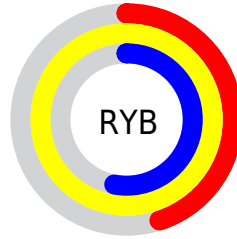
The CIELCh color **96, 68.815, 111.694** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **56, 80.147, 302.029**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 42.533, 106.929**, and **76, 68.726, 111.447** is the 20% darker color. If you saturate the color by 10%, you get **96, 79.055, 111.205**, and if you desaturate by 10%, it is **97, 57.426, 112.328**.

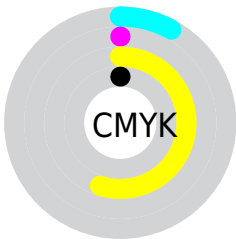
Distribution



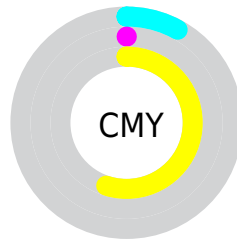
- Red (92%)
- Green (100%)
- Blue (45%)



- Red (45%)
- Yellow (100%)
- Blue (53%)



- Cyan (8%)
- Magenta (0%)
- Yellow (55%)
- Black (0%)




- Cyan (8%)
- Magenta (0%)
- Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 68.815, 111.694 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, 68.815, 111.694 by changing the saturation by 10% instead.

 96, 68.815,
111.694


 96, 68.815,
111.694

 100, 68.815,
111.694


 86, 68.815,
111.694

 76, 68.815,
111.694

 66, 68.815,
111.694

 56, 68.815,
111.694

 46, 68.815,
111.694

 36, 68.815,
111.694

 26, 68.815,

111.694

■ 16, 68.815,
111.694

■ 6, 68.815, 111.694

■ 96, 68.815,
111.694

■ 96, 68.815,
111.694

■ 96, 79.055,
111.205

■ 97, 57.426,
112.328

■ 95, 87.575,
110.929

■ 97, 45.306,
113.044

■ 95, 93.764,
110.950

■ 98, 32.745,
113.803

■ 95, 97.244,
111.327

■ 99, 19.929,
114.575

94, 98.166,
111.593

99, 6.984, 115.340
100, 0.296,
323.406

Harmonies

Complementary

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



96, 68.815, 111.694



56, 80.147, 302.029

Rectangle

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



96, 68.815, 111.694



96, 68.815, 161.694



96, 68.815, 291.694



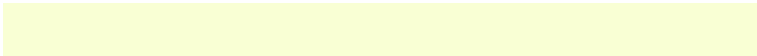
96, 68.815, 341.694

Sweetspot

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



96, 68.816, 111.696



99, 22.042, 114.450



69, 54.612, 35.059



52, 14.733, 114.295



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, 68.816, 111.696



96, 79.749, 111.181



92, 76.961, 130.938



53, 7.384, 115.027



73, 79.140, 111.451



25, 35.848, 110.724

Inverse Universe

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



56, 80.147, 302.029



49, 96.784, 303.647



63, 81.190, 315.945



49, 7.546, 296.511



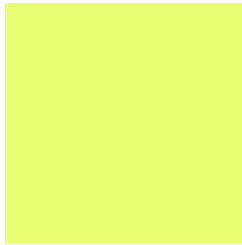
24, 106.856, 306.825



4, 44.445, 304.482

Previews

White Background



This preview shows how the CIELCh color 96, 68.815, 111.694 looks on a white background.

Color Contrast Check

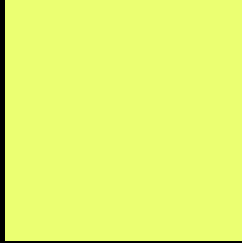
Large Text (above 18pt) WCAG AA × Fail

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, 68.815, 111.694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

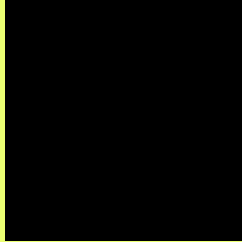
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 68.815, 111.694

Background



This preview shows how black text looks on a background with the CIELCh color 96, 68.815, 111.694.

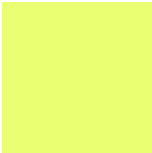
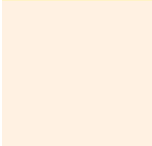



This preview shows how white text looks on a background with the CIELCh color 96, 68.815, 111.694.

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](#).

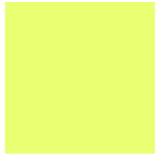
Dichromacy

	Original Color 96, 68.815, 111.694
	Protanopia 96, 22.869, 96.931
	Deuteranopia 96, 9.197, 75.797

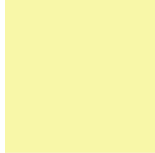


Tritanopia
96, 8.350, 312.708

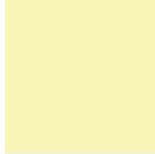
Trichromacy



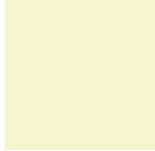
Original Color
96, 68.815, 111.694



Protanomaly
96, 39.818, 106.501



Deuteranomaly
96, 30.926, 106.337

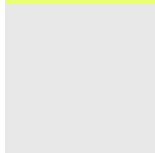


Tritanomaly
96, 20.879, 109.574

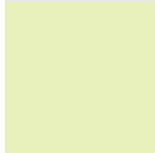
Monochromacy



Original Color
96, 68.815, 111.694



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 26.178, 113.929

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 68.815, 111.694 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(235, 255, 114)` looks like.

```
.text, #text, p{  
    color:rgb(235, 255, 114)  
}
```

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(235, 255, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 255, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 68.815, 111.694 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(235, 255, 114) }
```

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

```
.border{ border-color:rgb(235, 255, 114) }
```

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

Here you see how a box with a 4 pixel rgb(235, 255, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 255, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 255, 114);  
box-shadow:4px 4px 4px 4px rgb(235, 255,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 68.815, 111.694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 255, 114) }
```

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

```
.background{ background-color: rgb(235,  
255, 114) }
```

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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