

Converting Colors

CIELCh(91, 96.300, 117.414)

Have a look what the booklet for
CIELCh(91, 96.300, 117.414)
contains.

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Color

CIELCh(91, 96.376, 117.410)

Conversions

Conversions Part 1

Format	Color
Hex	BEF919
RGB	190, 249, 25
RGB Percent	75%, 98%, 10%
CMY	0.2564, 0.0250, 0.9011
CMYK	0.24, 0.00, 0.90, 0.03
HSL	76°, 95%, 54%
HSV	76°, 90%, 97%
XYZ	55.0726, 78.4833, 13.1767
YIQ	205.8230, 36.7400, -82.1720

Conversions

Conversions Part 2

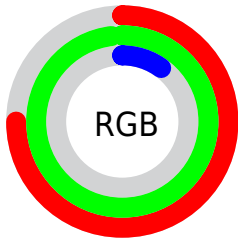
Format	Color
R_{YB}	25, 249, 84
Decimal	12515609
CIE Lab	91.00, -44.37, 85.56
CIE LCh	91, 96.376, 117.410
Yxy	78.4833, 0.3753, 0.5349
Android (android.graphics.Color)	4290705689 (0xFFBEF919)
YUV	205.8230, -89.1457, -13.8768
Hunter-Lab	88.5908, -44.0691, 53.1950

Details

The CIELCh color **91, 96.376, 117.410** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed chartreuse. A complement of this color would be **37, 122.478, 307.839**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 74.068, 105.791**, and **71, 83.041, 120.763** is the 20% darker color. If you saturate the color by 10%, you get **91, 99.320, 118.334**, and if you desaturate by 10%, it is **91, 91.025, 116.911**.

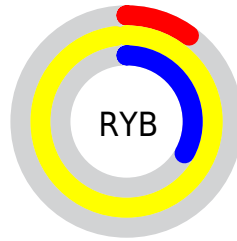
Distribution



Red (75%)

Green (98%)

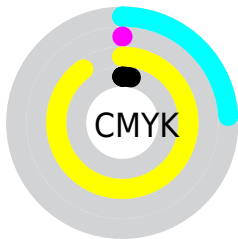
Blue (10%)



Red (10%)

Yellow (98%)

Blue (33%)

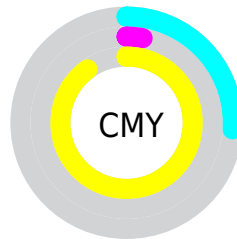


Cyan (24%)

Magenta (0%)

Yellow (90%)

Black (3%)



Cyan (26%)


Magenta (3%)


Yellow (90%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 96.376, 117.410 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 91, 96.376, 117.410 by changing the saturation by 10% instead.


 91, 96.376,
117.410


 91, 96.376,
117.410


 100, 96.376,
117.410


 81, 96.376,
117.410


 71, 96.376,
117.410

 61, 96.376,
117.410

 51, 96.376,
117.410

 41, 96.376,
117.410

 31, 96.376,
117.410

 21, 96.376,

117.410

■ 11, 96.376,
117.410

■ 1, 96.376, 117.410

■ 91, 96.376,
117.410

■ 91, 96.376,
117.410

■ 91, 99.320,
118.334

■ 91, 91.025,
116.911

■ 91, 99.355,
118.347

■ 92, 83.231,
116.821

■ 93, 73.534,
117.037

■ 93, 62.518,
117.455

■ 94, 50.650,
117.994

■ 95, 38.259,
118.596

■ 96, 25.565,
119.223

■ 97, 12.716,
119.850

■ 98, 0.192, 300.239

Harmonies

Complementary

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



91, 96.376, 117.410



37, 122.478, 307.839

Rectangle

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



91, 96.376, 117.410



91, 96.376, 167.410



91, 96.376, 297.410



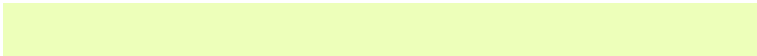
91, 96.376, 347.410

Sweetspot

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



91, 96.376, 117.412



97, 35.369, 118.772



58, 87.991, 45.439



52, 23.785, 118.559



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



91, 96.376, 117.412



93, 101.291, 118.365



87, 110.757, 133.594



52, 7.361, 119.873



71, 80.660, 118.120



23, 35.459, 116.955

Inverse Universe

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



37, 122.478, 307.839



35, 130.911, 307.731



50, 113.247, 319.415



48, 7.508, 301.052



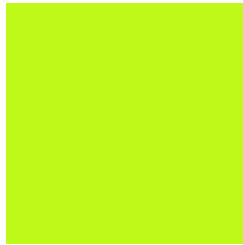
25, 104.178, 307.879



4, 42.736, 306.374

Previews

White Background



This preview shows how the CIELCh color 91, 96.376, 117.410 looks on a white background.

Color Contrast Check

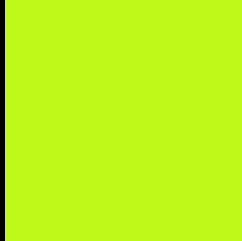
Large Text (above 18pt) WCAG AA × Fail

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 91, 96.376, 117.410 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 91, 96.376, 117.410

Background



This preview shows how black text looks on a background with the CIELCh color 91, 96.376, 117.410.

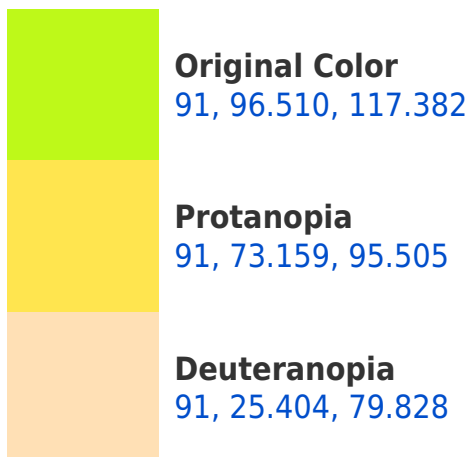


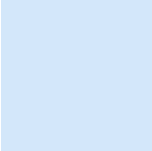
This preview shows how white text looks on a background with the CIELCh color 91, 96.376, 117.410.

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](#).

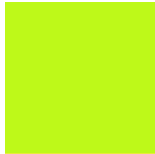
Dichromacy





Tritanopia
91, 11.782, 256.195

Trichromacy



Original Color
91, 96.510, 117.382



Protanomaly
90, 81.487, 105.093

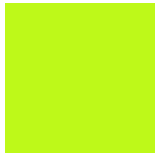


Deuteranomaly
90, 54.621, 106.559

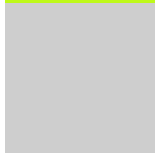


Tritanomaly
90, 37.641, 127.448

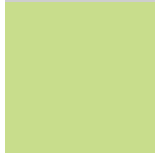
Monochromacy



Original Color
91, 96.510, 117.382



Achromatopsia
83, 0.010, 296.813



Achromatomaly
85, 42.437, 117.993

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 96.376, 117.410 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(190, 249, 25)` looks like.

```
.text, #text, p{  
    color:rgb(190, 249, 25)  
}
```

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(190, 249, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 249, 25) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 96.376, 117.410 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(190, 249, 25) }
```

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

```
.border{ border-color:rgb(190, 249, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 249, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 249, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 249, 25);  
box-shadow:4px 4px 4px 4px rgb(190, 249,  
25) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 96.376, 117.410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 249, 25) }
```

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

```
.background{ background-color: rgb(190,  
249, 25) }
```

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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