

Converting Colors

CIELCh(91, 73.914, 121.359)

Have a look what the booklet for
CIELCh(91, 73.914, 121.359)
contains.

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Color

CIELCh(91, 73.530, 121.346)

Conversions

Conversions Part 1

Format	Color
Hex	C1F665
RGB	193, 246, 101
RGB Percent	76%, 96%, 40%
CMY	0.2416, 0.0338, 0.6025
CMYK	0.22, 0.00, 0.59, 0.03
HSL	82°, 89%, 68%
HSV	82°, 59%, 97%
XYZ	57.5327, 78.4833, 24.5235
YIQ	213.6230, 14.9570, -56.3310

Conversions

Conversions Part 2

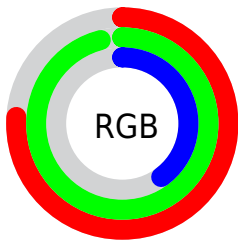
Format	Color
RYB	101, 246, 154
Decimal	12711525
CIELab	91.00, -38.25, 62.80
CIElCh	91, 73.530, 121.346
Yxy	78.4833, 0.3584, 0.4889
Android (android.graphics.Color)	4290901605 (0xFFC1F665)
YUV	213.6230, -55.5231, -18.0864
Hunter-Lab	88.5908, -39.1124, 45.6011

Details

The CIELCh color **91, 73.530, 121.346** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **55, 83.128, 308.238**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 49.287, 107.787**, and **71, 73.281, 121.261** is the 20% darker color. If you saturate the color by 10%, you get **90, 83.665, 121.195**, and if you desaturate by 10%, it is **92, 62.169, 121.703**.

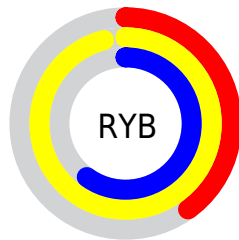
Distribution



Red (76%)

Green (96%)

Blue (40%)



Red (40%)

Yellow (96%)

Blue (60%)

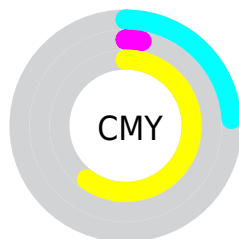


Cyan (22%)

Magenta (0%)

Yellow (59%)

Black (3%)



Cyan (24%)


Magenta (3%)


Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 73.530, 121.346 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, 73.530, 121.346 by changing the saturation by 10% instead.


 91, 73.530,
121.346


 91, 73.530,
121.346


 100, 73.530,
121.346


 81, 73.530,
121.346

 71, 73.530,
121.346

 61, 73.530,
121.346

 51, 73.530,
121.346

 41, 73.530,
121.346

 31, 73.530,
121.346

 21, 73.530,

121.346

■ 11, 73.530,
121.346

■ 1, 73.530, 121.346

■ 91, 73.530,
121.346

■ 91, 73.530,
121.346

■ 90, 83.665,
121.195

■ 92, 62.169,
121.703

■ 90, 92.006,
121.359

■ 93, 50.023,
122.174

■ 89, 98.005,
121.963

■ 94, 37.405,
122.702

■ 89, 101.557,
123.041

■ 95, 24.524,
123.247

■ 89, 101.895,
123.174

■ 96, 11.524,
123.788

■ 97, 1.498, 304.240

■ 98, 5.358, 324.571

Harmonies

Complementary

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



91, 73.530, 121.346



55, 83.128, 308.238

Rectangle

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



91, 73.530, 121.346



91, 73.530, 171.346



91, 73.530, 301.346



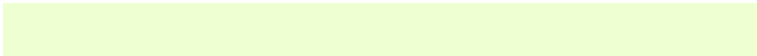
91, 73.530, 351.346

Sweetspot

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



91, 73.531, 121.348



98, 24.074, 123.292



72, 51.414, 53.478



52, 16.719, 123.133



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, 73.531, 121.348



93, 87.999, 121.200



88, 84.248, 136.411



51, 7.356, 123.754



69, 82.383, 122.898



22, 35.101, 121.647

Inverse Universe

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



55, 83.128, 308.238



49, 102.672, 309.046



63, 85.131, 322.750



47, 7.485, 304.742



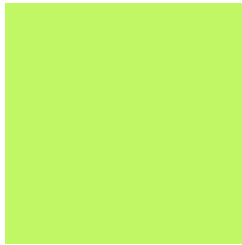
26, 101.295, 309.274



4, 41.075, 308.463

Previews

White Background



This preview shows how the CIELCh color 91, 73.530, 121.346 looks on a white background.

Color Contrast Check

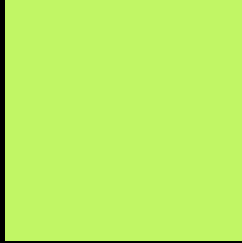
Large Text (above 18pt) WCAG AA × Fail

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, 73.530, 121.346 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, 73.530, 121.346

Background



This preview shows how black text looks on a background with the CIELCh color 91, 73.530, 121.346.



This preview shows how white text looks on a background with the CIELCh color 91, 73.530, 121.346.

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](#).

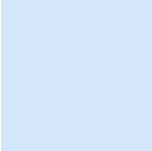
Dichromacy



Original Color
91, 73.530, 121.346

Protanopia
91, 66.370, 95.609

Deuteranopia
91, 23.362, 76.343

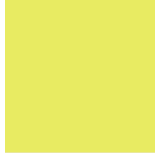


Tritanopia
91, 11.606, 257.556

Trichromacy



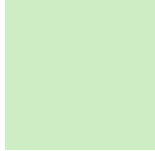
Original Color
91, 73.530, 121.346



Protanomaly
91, 66.972, 105.799



Deuteranomaly
91, 39.237, 106.379

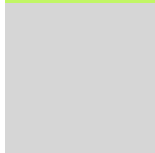


Tritanomaly
91, 24.269, 137.401

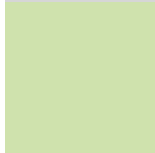
Monochromacy



Original Color
91, 73.530, 121.346



Achromatopsia
86, 0.010, 296.813



Achromatomaly
87, 28.364, 122.732

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 73.530, 121.346 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(193, 246, 101)` looks like.

```
.text, #text, p{  
    color:rgb(193, 246, 101)  
}
```

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(193, 246, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 246, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 73.530, 121.346 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(193, 246, 101) }
```

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

```
.border{ border-color:rgb(193, 246, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 246, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 246, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 246, 101);  
box-shadow:4px 4px 4px 4px rgb(193, 246,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 73.530, 121.346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 246, 101) }
```

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

```
.background{ background-color: rgb(193,  
246, 101) }
```

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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