

Converting Colors

CIELCh(73, 94.852, 130.766)

Have a look what the booklet for
CIELCh(73, 94.852, 130.766)
contains.

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Color

CIELCh(73, 94.762, 130.799)

Conversions

Conversions Part 1

Format	Color
Hex	54CC02
RGB	84, 204, 2
RGB Percent	33%, 80%, 1%
CMY	0.6698, 0.1993, 0.9941
CMYK	0.59, 0.00, 0.99, 0.20
HSL	96°, 99%, 40%
HSV	96°, 99%, 80%
XYZ	25.3158, 45.1644, 7.4258
YIQ	145.0920, -6.6780, -88.2620

Conversions

Conversions Part 2

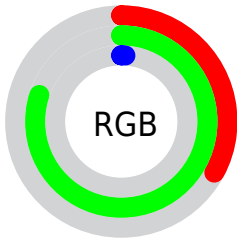
Format	Color
R_{YB}	2, 204, 122
Decimal	5557250
CIE _{Lab}	73.00, -61.92, 71.74
CIE _{LCh}	73, 94.762, 130.799
Yxy	45.1644, 0.3250, 0.5797
Android (android.graphics.Color)	4283747330 (0xFF54CC02)
YUV	145.0920, -70.5444, -53.5777
Hunter-Lab	67.2044, -50.3671, 40.4919

Details

The CIELCh color **73, 94.762, 130.799** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed green. A complement of this color would be **35, 103.261, 314.160**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 91.427, 130.299**, and **53, 80.232, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **73, 95.015, 130.864**, and if you desaturate by 10%, it is **73, 90.909, 129.895**.

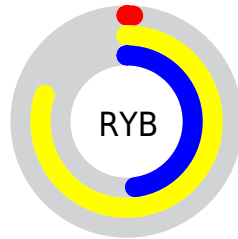
Distribution



Red (33%)

Green (80%)

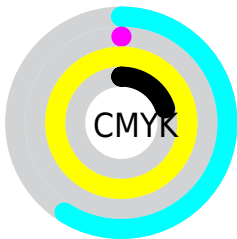
Blue (1%)



Red (1%)

Yellow (80%)

Blue (48%)

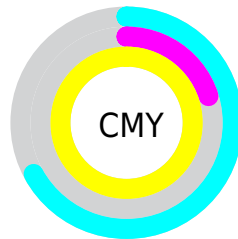


Cyan (59%)

Magenta (0%)

Yellow (99%)

Black (20%)



Cyan (67%)

Magenta (20%)

Yellow (99%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 94.762, 130.799 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 73, 94.762, 130.799 by changing the saturation by 10% instead.

 73, 94.762,
130.799

 73, 94.762,
130.799

 100, 94.762,
130.799

 63, 94.762,
130.799


 93, 94.762,
130.799

 53, 94.762,
130.799

 43, 94.762,
130.799

 33, 94.762,
130.799

 23, 94.762,
130.799

 13, 94.762,
130.799

 3, 94.762, 130.799

■ 0, 94.762, 130.799

■ 73, 94.762,
130.799

■ 73, 94.762,
130.799

■ 73, 95.015,
130.864

■ 73, 90.909,
129.895

■ 74, 84.997,
129.401

■ 75, 77.075,
129.324

■ 75, 67.623,
129.539

■ 76, 57.126,
129.925

■ 77, 45.965,
130.394

■ 78, 34.418,
130.888

■ 79, 22.678,
131.375

■ 81, 10.883,
131.839

Harmonies

Complementary

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



73, 94.762, 130.799



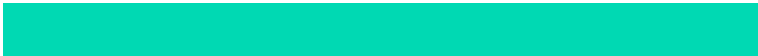
35, 103.261, 314.160

Rectangle

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



73, 94.762, 130.799



73, 94.762, 180.799



73, 94.762, 310.799



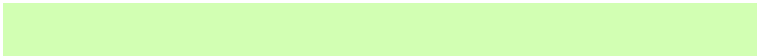
73, 94.762, 0.799

Sweetspot

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



73, 94.762, 130.800



95, 42.245, 130.833



58, 70.003, 67.794



50, 28.774, 130.621



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 94.762, 130.800



89, 112.589, 131.061



72, 99.528, 136.701



42, 6.659, 131.833



60, 81.171, 130.636



13, 25.331, 133.564

Inverse Universe

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



35, 103.261, 314.160



44, 122.561, 313.972



48, 91.420, 331.852



40, 6.733, 312.595



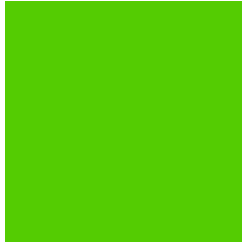
28, 88.565, 314.279



3, 25.065, 310.258

Previews

White Background



This preview shows how the CIELCh color 73, 94.762, 130.799 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 73, 94.762, 130.799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

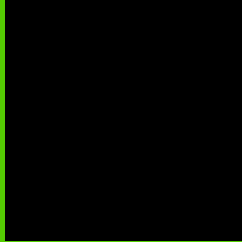
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 94.762, 130.799

Background



This preview shows how black text looks on a background with the CIELCh color 73, 94.762, 130.799.



This preview shows how white text looks on a background with the CIELCh color 73, 94.762, 130.799.

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
73, 94.672, 130.832

Protanopia
72, 74.782, 94.847

Deuteranopia
72, 67.860, 82.115



Tritanopia
73, 23.926, 217.896

Trichromacy



Original Color
73, 94.672, 130.832



Protanomaly
72, 78.206, 112.170



Deuteranomaly
71, 71.259, 106.441



Tritanomaly
72, 47.571, 149.663

Monochromacy



Original Color
73, 94.672, 130.832



Achromatopsia
60, 0.008, 296.813



Achromatomaly
64, 43.922, 130.267

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 94.762, 130.799 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(84, 204, 2)` looks like.

```
.text, #text, p{  
    color:rgb(84, 204, 2)  
}
```

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(84, 204, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 204, 2) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 94.762, 130.799 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(84, 204, 2) }
```

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

```
.border{ border-color:rgb(84, 204, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 204, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 204, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 204, 2);  
box-shadow:4px 4px 4px 4px rgb(84, 204, 2)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 73, 94.762, 130.799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 204, 2) }
```

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

```
.background{ background-color: rgb(84, 204,  
2) }
```

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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