

Converting Colors

CIELCh(73, 94.485, 130.413)

Have a look what the booklet for
CIELCh(73, 94.485, 130.413)
contains.

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Color

CIELCh(73, 94.444, 130.372)

Conversions

Conversions Part 1

Format	Color
Hex	57CC00
RGB	87, 204, 0
RGB Percent	34%, 80%, 0%
CMY	0.6592, 0.2003, 1.0000
CMYK	0.57, 0.00, 1.00, 0.20
HSL	94°, 100%, 40%
HSV	94°, 100%, 80%
XYZ	25.4915, 45.1644, 7.3667
YIQ	145.7610, -4.2480, -88.2480

Conversions

Conversions Part 2

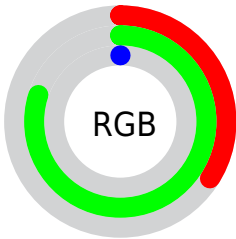
Format	Color
RYB	0, 204, 117
Decimal	5753856
CIELab	73.00, -61.18, 71.95
CIElCh	73, 94.444, 130.372
Yxy	45.1644, 0.3267, 0.5789
Android (android.graphics.Color)	4283943936 (0xFF57CC00)
YUV	145.7610, -71.8602, -51.5334
Hunter-Lab	67.2044, -49.9006, 40.5440

Details

The CIELCh color **73, 94.444, 130.372** 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 **34, 103.842, 313.633**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 91.119, 129.958**, and **53, 80.232, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **73, 94.423, 130.381**, and if you desaturate by 10%, it is **73, 90.680, 129.435**.

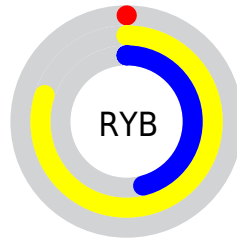
Distribution



Red (34%)

Green (80%)

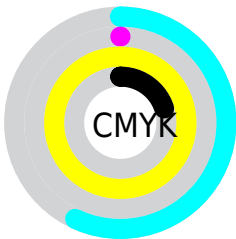
Blue (0%)



Red (0%)

Yellow (80%)

Blue (46%)

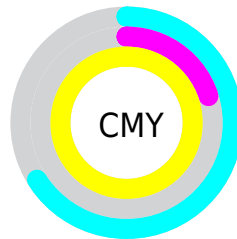


Cyan (57%)

Magenta (0%)

Yellow (100%)

Black (20%)



Cyan (66%)


Magenta (20%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 94.444, 130.372 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, 94.444, 130.372 by changing the saturation by 10% instead.


 73, 94.444,
130.372


 73, 94.444,
130.372


 100, 94.444,
130.372


 63, 94.444,
130.372


 93, 94.444,
130.372

 53, 94.444,
130.372

 43, 94.444,
130.372

 33, 94.444,
130.372

 23, 94.444,
130.372

 13, 94.444,
130.372

 3, 94.444, 130.372

■ 0, 94.444, 130.372

■ 73, 94.444,
130.372

■ 73, 94.444,
130.372

■ 73, 94.423,
130.381

■ 73, 90.680,
129.435

■ 74, 84.966,
128.881

■ 75, 77.226,
128.756

■ 75, 67.930,
128.936

■ 76, 57.563,
129.300

■ 77, 46.514,
129.756

■ 78, 35.063,
130.244

■ 79, 23.407,
130.729

■ 81, 11.684,
131.194

Harmonies

Complementary

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



73, 94.444, 130.372



34, 103.842, 313.633

Rectangle

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



73, 94.444, 130.372



73, 94.444, 180.372



73, 94.444, 310.372



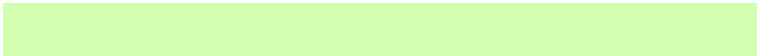
73, 94.444, 0.372

Sweetspot

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



73, 94.423, 130.381



95, 42.033, 130.225



57, 70.492, 66.091



50, 28.628, 130.015



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, 94.423, 130.381



89, 111.995, 130.583



72, 100.012, 136.505



42, 6.628, 131.222



60, 80.743, 130.149



13, 25.173, 132.991

Inverse Universe

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



34, 103.842, 313.633



43, 123.043, 313.487



48, 92.642, 331.096



40, 6.705, 311.990



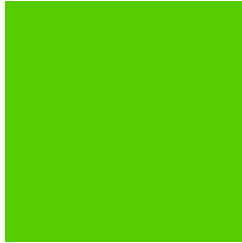
27, 88.901, 313.797



3, 24.948, 309.518

Previews

White Background



This preview shows how the CIELCh color 73, 94.444, 130.372 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, 94.444, 130.372 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, 94.444, 130.372

Background



This preview shows how black text looks on a background with the CIELCh color 73, 94.444, 130.372.



This preview shows how white text looks on a background with the CIELCh color 73, 94.444, 130.372.

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

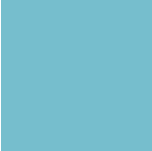
73, 94.444, 130.372

Protanopia

72, 74.782, 94.847

Deuteranopia

72, 68.166, 82.177



Tritanopia
73, 23.685, 218.125

Trichromacy



Original Color
73, 94.444, 130.372



Protanomaly
72, 77.857, 111.577



Deuteranomaly
71, 71.452, 106.058



Tritanomaly
72, 47.571, 148.781

Monochromacy



Original Color
73, 94.444, 130.372



Achromatopsia
61, 0.008, 296.813



Achromatomaly
64, 43.584, 129.371

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 94.444, 130.372 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(87, 204, 0)` looks like.

```
.text, #text, p{  
    color:rgb(87, 204, 0)  
}
```

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(87, 204, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 204, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 94.444, 130.372 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(87, 204, 0) }
```

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

```
.border{ border-color:rgb(87, 204, 0) }
```

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

Here you see how a box with a 4 pixel rgb(87, 204, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 204, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 204, 0);  
box-shadow:4px 4px 4px 4px rgb(87, 204, 0)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 73, 94.444, 130.372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 204, 0) }
```

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

```
.background{ background-color: rgb(87, 204,  
0) }
```

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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