

Converting Colors

CIELCh(73, 94.043, 130.180)

Have a look what the booklet for
CIELCh(73, 94.043, 130.180)
contains.

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Color

CIELCh(73, 94.077, 130.134)

Conversions

Conversions Part 1

Format	Color
Hex	59CC00
RGB	89, 204, 0
RGB Percent	35%, 80%, 0%
CMY	0.6522, 0.2011, 0.9990
CMYK	0.56, 0.00, 1.00, 0.20
HSL	94°, 100%, 40%
HSV	94°, 100%, 80%
XYZ	25.6188, 45.1644, 7.3741
YIQ	146.3590, -3.0560, -87.8240

Conversions

Conversions Part 2

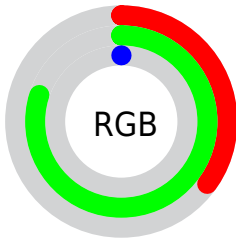
Format	Color
RYB	0, 204, 115
Decimal	5884928
CIELab	73.00, -60.64, 71.93
CIELCh	73, 94.077, 130.134
Yxy	45.1644, 0.3278, 0.5779
Android (android.graphics.Color)	4284075008 (0xFF59CC00)
YUV	146.3590, -72.1550, -50.3038
Hunter-Lab	67.2044, -49.5624, 40.5375

Details

The CIELCh color **73, 94.077, 130.134** 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, 103.908, 313.421**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 90.811, 129.610**, and **53, 80.232, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **73, 94.120, 130.147**, and if you desaturate by 10%, it is **73, 90.330, 129.178**.

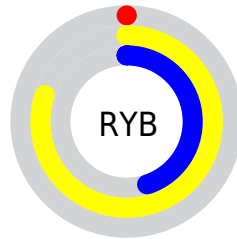
Distribution



Red (35%)

Green (80%)

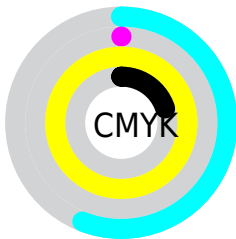
Blue (0%)



Red (0%)

Yellow (80%)

Blue (45%)

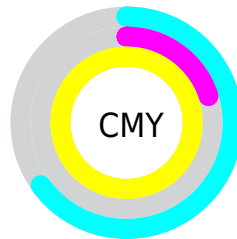


Cyan (56%)

Magenta (0%)

Yellow (100%)

Black (20%)



Cyan (65%)


Magenta (20%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 94.077, 130.134 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, 94.077, 130.134 by changing the saturation by 10% instead.


 73, 94.077,
130.134


 73, 94.077,
130.134


 100, 94.077,
130.134


 63, 94.077,
130.134


 93, 94.077,
130.134

 53, 94.077,
130.134

 43, 94.077,
130.134

 33, 94.077,
130.134

 23, 94.077,
130.134

 13, 94.077,
130.134

 3, 94.077, 130.134

■ 0, 94.077, 130.134

■ 73, 94.077,
130.134

■ 73, 94.077,
130.134

■ 73, 94.120,
130.147

■ 73, 90.330,
129.178

■ 74, 84.608,
128.619

■ 75, 76.871,
128.490

■ 75, 67.589,
128.665

■ 76, 57.246,
129.025

■ 77, 46.227,
129.477

■ 78, 34.810,
129.964

■ 79, 23.190,
130.448

■ 81, 11.502,
130.913

Harmonies

Complementary

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



73, 94.077, 130.134



34, 103.908, 313.421

Rectangle

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



73, 94.077, 130.134



73, 94.077, 180.134



73, 94.077, 310.134



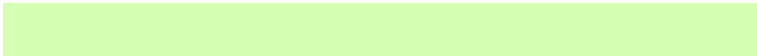
73, 94.077, 0.134

Sweetspot

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



73, 94.077, 130.135



95, 41.936, 129.938



57, 70.721, 64.634



50, 28.561, 129.729



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, 94.077, 130.135



89, 111.713, 130.352



72, 100.234, 136.378



42, 6.614, 130.935



60, 80.540, 129.914



13, 25.100, 132.717

Inverse Universe

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



34, 103.908, 313.421



43, 123.269, 313.266



48, 93.788, 330.337



40, 6.692, 311.706



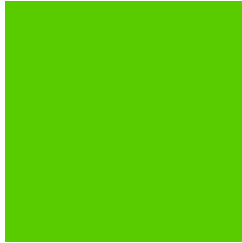
27, 89.060, 313.578



3, 24.896, 309.178

Previews

White Background



This preview shows how the CIELCh color 73, 94.077, 130.134 looks on a white background.

Color Contrast Check

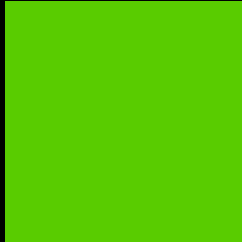
Large Text (above 18pt) WCAG AA × Fail

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, 94.077, 130.134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

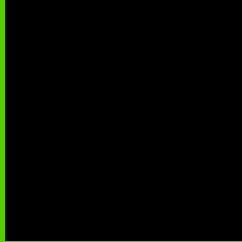
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 94.077, 130.134

Background



This preview shows how black text looks on a background with the CIELCh color 73, 94.077, 130.134.



This preview shows how white text looks on a background with the CIELCh color 73, 94.077, 130.134.

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, 94.167, 130.101

Protanopia
72, 74.782, 94.847

Deuteranopia
72, 68.166, 82.177



Tritanopia
73, 23.314, 219.971

Trichromacy



Original Color
73, 94.167, 130.101



Protanomaly
72, 77.857, 111.577



Deuteranomaly
71, 71.428, 105.704



Tritanomaly
72, 46.361, 149.097

Monochromacy



Original Color
73, 94.167, 130.101



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, 94.077, 130.134 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(89, 204, 0)` looks like.

```
.text, #text, p{  
    color:rgb(89, 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(89, 204, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 204, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 94.077, 130.134 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(89, 204, 0) }
```

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

```
.border{ border-color:rgb(89, 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(89, 204, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 204, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 204, 0);  
box-shadow:4px 4px 4px 4px rgb(89, 204, 0)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 73, 94.077, 130.134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 204, 0) }
```

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

```
.background{ background-color: rgb(89, 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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