

Converting Colors

CIELCh(73, 94.388, 130.632)

Have a look what the booklet for
CIELCh(73, 94.388, 130.632)
contains.

CIELCh(73, 94.312, 130.604)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(73, 94.312, 130.604)

Conversions

Conversions Part 1

Format	Color
Hex	56CC03
RGB	86, 204, 3
RGB Percent	34%, 80%, 1%
CMY	0.6628, 0.2000, 0.9883
CMYK	0.58, 0.00, 0.99, 0.20
HSL	95°, 97%, 41%
HSV	95°, 99%, 80%
XYZ	25.4429, 45.1644, 7.4616
YIQ	145.8040, -5.8070, -87.5270

Conversions

Conversions Part 2

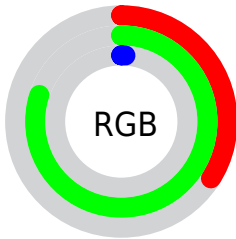
Format	Color
RYB	3, 204, 121
Decimal	5688323
CIELab	73.00, -61.38, 71.60
CIELCh	73, 94.312, 130.604
Yxy	45.1644, 0.3259, 0.5785
Android (android.graphics.Color)	4283878403 (0xFF56CC03)
YUV	145.8040, -70.4024, -52.4481
Hunter-Lab	67.2044, -50.0296, 40.4602

Details

The CIELCh color **73, 94.312, 130.604** 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, 103.019, 314.073**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 90.948, 130.241**, and **53, 80.232, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **73, 94.816, 130.735**, and if you desaturate by 10%, it is **73, 90.361, 129.704**.

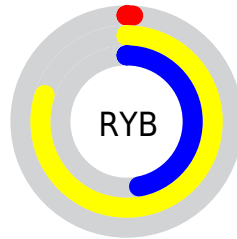
Distribution



Red (34%)

Green (80%)

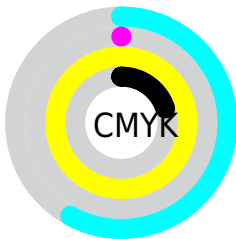
Blue (1%)



Red (1%)

Yellow (80%)

Blue (47%)

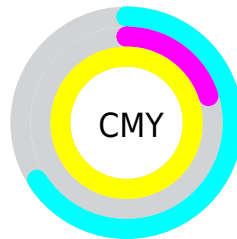


Cyan (58%)

Magenta (0%)

Yellow (99%)

Black (20%)



Cyan (66%)


Magenta (20%)

Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 94.312, 130.604 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, 94.312, 130.604 by changing the saturation by 10% instead.

 73, 94.312,
130.604

 73, 94.312,
130.604


 100, 94.312,
130.604

 63, 94.312,
130.604


 93, 94.312,
130.604


 53, 94.312,
130.604

 43, 94.312,
130.604

 33, 94.312,
130.604

 23, 94.312,
130.604

 13, 94.312,
130.604

 3, 94.312, 130.604

■ 0, 94.312, 130.604

■ 73, 94.312,
130.604

■ 73, 94.312,
130.604

■ 73, 94.816,
130.735

■ 73, 90.361,
129.704

■ 74, 84.303,
129.237

■ 75, 76.269,
129.180

■ 75, 66.746,
129.407

■ 76, 56.212,
129.797

■ 77, 45.040,
130.267

■ 78, 33.499,
130.761

■ 80, 21.776,
131.245

■ 81, 10.006,
131.707

Harmonies

Complementary

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



73, 94.312, 130.604



35, 103.019, 314.073

Rectangle

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



73, 94.312, 130.604



73, 94.312, 180.604



73, 94.312, 310.604



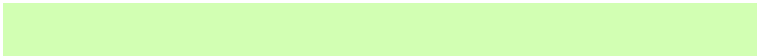
73, 94.312, 0.604

Sweetspot

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



73, 94.312, 130.605



95, 42.187, 130.669



58, 69.684, 67.985



50, 28.734, 130.458



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, 94.312, 130.605



89, 112.430, 130.934



72, 99.247, 136.748



42, 6.651, 131.668



60, 81.056, 130.507



13, 25.288, 133.411

Inverse Universe

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



35, 103.019, 314.073



44, 122.691, 313.840



48, 91.264, 331.822



40, 6.725, 312.432



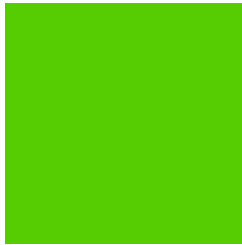
28, 88.656, 314.147



3, 25.033, 310.057

Previews

White Background



This preview shows how the CIELCh color 73, 94.312, 130.604 looks on a white background.

Color Contrast Check

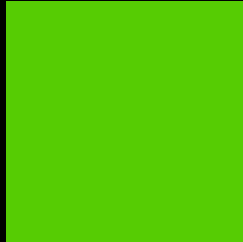
Large Text (above 18pt) WCAG AA × Fail

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, 94.312, 130.604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

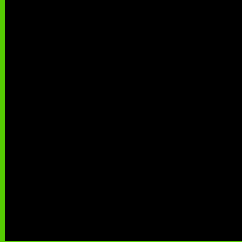
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 94.312, 130.604

Background



This preview shows how black text looks on a background with the CIELCh color 73, 94.312, 130.604.



This preview shows how white text looks on a background with the CIELCh color 73, 94.312, 130.604.

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

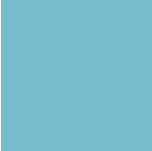
73, 94.312, 130.604

Protanopia

72, 74.782, 94.847

Deuteranopia

72, 67.860, 82.115



Tritanopia
73, 23.685, 218.125

Trichromacy



Original Color
73, 94.312, 130.604



Protanomaly
71, 77.826, 111.907



Deuteranomaly
71, 71.232, 106.087



Tritanomaly
72, 46.953, 149.847

Monochromacy



Original Color
73, 94.312, 130.604



Achromatopsia
61, 0.008, 296.813



Achromatomaly
64, 43.282, 130.113

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 94.312, 130.604 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(86, 204, 3)` looks like.

```
.text, #text, p{  
    color:rgb(86, 204, 3)  
}
```

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(86, 204, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 204, 3) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 94.312, 130.604 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(86, 204, 3) }
```

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

```
.border{ border-color:rgb(86, 204, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 204, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 204, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 204, 3);  
box-shadow:4px 4px 4px 4px rgb(86, 204, 3)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 73, 94.312, 130.604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 204, 3) }
```

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

```
.background{ background-color: rgb(86, 204,  
3) }
```

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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