

Converting Colors

CIELCh(70, 105.363, 126.484)

Have a look what the booklet for
CIELCh(70, 105.363, 126.484)
contains.

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Color

CIELCh(70, 92.380, 131.081)

Conversions

Conversions Part 1

Format	Color
Hex	4DC300
RGB	77, 195, 0
RGB Percent	30%, 76%, 0%
CMY	0.6974, 0.2341, 1.0000
CMYK	0.60, 0.00, 1.00, 0.23
HSL	96°, 100%, 38%
HSV	96°, 100%, 77%
XYZ	22.6489, 40.7494, 6.6195
YIQ	137.4880, -7.7330, -85.6610

Conversions

Conversions Part 2

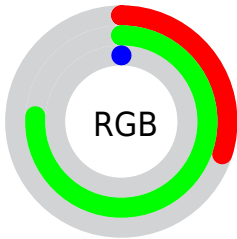
Format	Color
RYB	0, 195, 118
Decimal	5096192
CIELab	70.00, -60.71, 69.63
CIELCh	70, 92.380, 131.081
Yxy	40.7494, 0.3235, 0.5820
Android (android.graphics.Color)	4283286272 (0xFF4DC300)
YUV	137.4880, -67.7816, -53.0480
Hunter-Lab	63.8353, -48.3794, 38.5365

Details

The CIELCh color **70, 92.380, 131.081** 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, 99.866, 314.501**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 92.193, 131.117**, and **50, 76.669, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **70, 92.207, 131.148**, and if you desaturate by 10%, it is **70, 88.490, 130.284**.

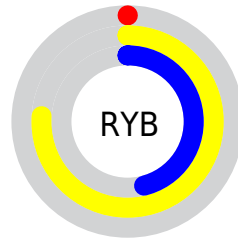
Distribution



Red (30%)

Green (76%)

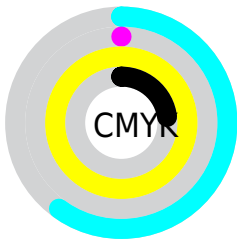
Blue (0%)



Red (0%)

Yellow (76%)

Blue (46%)

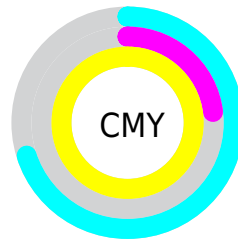


Cyan (60%)

Magenta (0%)

Yellow (100%)

Black (23%)



Cyan (70%)


Magenta (23%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 92.380, 131.081 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 70, 92.380, 131.081 by changing the saturation by 10% instead.


 70, 92.380,
131.081


 70, 92.380,
131.081


 100, 92.380,
131.081


 60, 92.380,
131.081


 90, 92.380,
131.081

 50, 92.380,
131.081

 40, 92.380,
131.081

 30, 92.380,
131.081

 20, 92.380,
131.081

 10, 92.380,
131.081

 0, 92.380, 131.081

■ 70, 92.380,
131.081

■ 70, 92.380,
131.081

■ 70, 92.207,
131.148

■ 70, 88.490,
130.284

■ 71, 82.873,
129.789

■ 72, 75.293,
129.711

■ 72, 66.210,
129.926

■ 73, 56.092,
130.315

■ 74, 45.315,
130.787

■ 75, 34.150,
131.284

■ 76, 22.790,

131.774

■ 78, 11.372,
132.238

Harmonies

Complementary

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



70, 92.380, 131.081



34, 99.866, 314.501

Rectangle

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



70, 92.380, 131.081



70, 92.380, 181.081



70, 92.380, 311.081



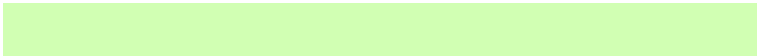
70, 92.380, 1.081

Sweetspot

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



70, 92.207, 131.148



95, 42.399, 131.261



56, 67.766, 69.252



50, 28.880, 131.047



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 92.207, 131.148



89, 113.003, 131.386



69, 95.991, 136.869



40, 6.404, 132.267



58, 79.582, 130.930



10, 21.842, 135.709

Inverse Universe

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



34, 99.866, 314.501



44, 122.222, 314.328



45, 87.394, 332.680



38, 6.473, 313.021



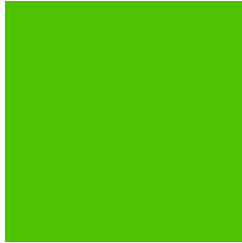
27, 86.301, 314.657



2, 20.654, 309.265

Previews

White Background



This preview shows how the CIE LCh color 70, 92.380, 131.081 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 70, 92.380, 131.081 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 70, 92.380, 131.081

Background



This preview shows how black text looks on a background with the CIELCh color 70, 92.380, 131.081.



This preview shows how white text looks on a background with the CIELCh color 70, 92.380, 131.081.

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

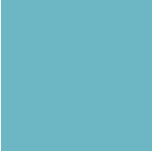
70, 92.103, 131.153

Protanopia

69, 72.276, 94.862

Deuteranopia

69, 65.401, 81.936



Tritanopia
70, 23.822, 216.695

Trichromacy



Original Color
70, 92.103, 131.153



Protanomaly
69, 75.618, 112.560



Deuteranomaly
68, 68.658, 106.592



Tritanomaly
69, 47.003, 150.274

Monochromacy



Original Color
70, 92.103, 131.153



Achromatopsia
57, 0.007, 296.813



Achromatomaly
61, 42.654, 130.618

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 92.380, 131.081 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(77, 195, 0)` looks like.

```
.text, #text, p{  
    color:rgb(77, 195, 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(77, 195, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 195, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 92.380, 131.081 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(77, 195, 0) }
```

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

```
.border{ border-color:rgb(77, 195, 0) }
```

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

Here you see how a box with a 4 pixel rgb(77, 195, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 195, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 195, 0);  
box-shadow:4px 4px 4px 4px rgb(77, 195, 0)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 70, 92.380, 131.081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 195, 0) }
```

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

```
.background{ background-color: rgb(77, 195,  
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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