

Converting Colors

CIELCh(69, 90.520, 130.898)

Have a look what the booklet for
CIELCh(69, 90.520, 130.898)
contains.

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Color

CIELCh(69, 90.538, 130.924)

Conversions

Conversions Part 1

Format	Color
Hex	4EC002
RGB	78, 192, 2
RGB Percent	31%, 75%, 1%
CMY	0.6939, 0.2469, 0.9916
CMYK	0.59, 0.00, 0.99, 0.25
HSL	96°, 98%, 38%
HSV	96°, 99%, 75%
XYZ	22.0165, 39.3444, 6.4944
YIQ	136.2540, -6.9540, -83.2580

Conversions

Conversions Part 2

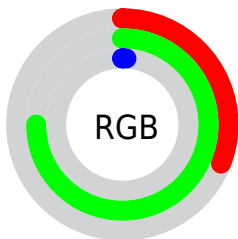
Format	Color
R_{YB}	2, 192, 116
Decimal	5160962
CIE _{Lab}	69.00, -59.31, 68.41
CIE _{LCh}	69, 90.538, 130.924
Yxy	39.3444, 0.3245, 0.5798
Android (android.graphics.Color)	4283351042 (0xFF4EC002)
YUV	136.2540, -66.1872, -51.0888
Hunter-Lab	62.7251, -47.1155, 37.7688

Details

The CIELCh color **69, 90.538, 130.924** 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 **33, 98.283, 314.450**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **89, 90.275, 130.896**, and **49, 75.472, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **69, 90.919, 131.015**, and if you desaturate by 10%, it is **69, 86.711, 130.072**.

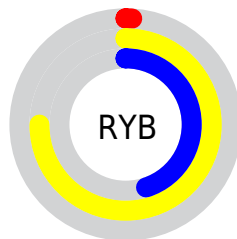
Distribution



Red (31%)

Green (75%)

Blue (1%)



Red (1%)

Yellow (75%)

Blue (45%)

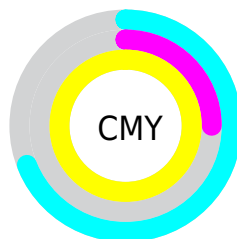


Cyan (59%)

Magenta (0%)

Yellow (99%)

Black (25%)



Cyan (69%)


Magenta (25%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 90.538, 130.924 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 69, 90.538, 130.924 by changing the saturation by 10% instead.


 69, 90.538,
130.924


 69, 90.538,
130.924


 100, 90.538,
130.924


 59, 90.538,
130.924


 89, 90.538,
130.924

 49, 90.538,
130.924

 99, 90.538,
130.924

 39, 90.538,
130.924

 29, 90.538,
130.924

 19, 90.538,
130.924

 9, 90.538, 130.924

 0, 90.538, 130.924

■ 69, 90.538,
130.924

■ 69, 90.538,
130.924

■ 69, 90.919,
131.015

■ 69, 86.711,
130.072

■ 70, 80.925,
129.626

■ 71, 73.256,
129.584

■ 71, 64.165,
129.821

■ 72, 54.106,
130.219

■ 73, 43.434,
130.693

■ 74, 32.406,
131.189

■ 75, 21.204,

131.674

■ 77, 9.956, 132.135

Harmonies

Complementary

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



69, 90.538, 130.924



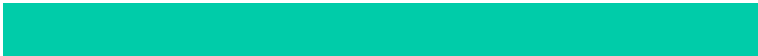
33, 98.283, 314.450

Rectangle

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



69, 90.538, 130.924



69, 90.538, 180.924



69, 90.538, 310.924



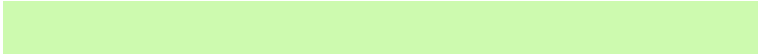
69, 90.538, 0.924

Sweetspot

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



69, 90.538, 130.925



94, 41.656, 131.110



56, 66.510, 69.568



49, 28.369, 130.899



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



69, 90.538, 130.925



87, 111.121, 131.255



68, 94.425, 136.959



40, 6.397, 132.114



58, 79.478, 130.813



10, 21.811, 135.582

Inverse Universe

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



33, 98.283, 314.450



43, 120.473, 314.212



45, 86.165, 332.622



38, 6.466, 312.868



27, 86.383, 314.531



2, 20.632, 309.085

Previews

White Background



This preview shows how the CIELCh color 69, 90.538, 130.924 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 69, 90.538, 130.924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

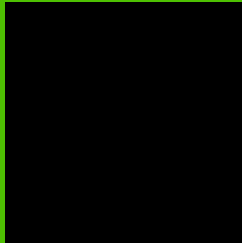
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 90.538, 130.924

Background



This preview shows how black text looks on a background with the CIELCh color 69, 90.538, 130.924.



This preview shows how white text looks on a background with the CIELCh color 69, 90.538, 130.924.

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
69, 90.538, 130.924

Protanopia
69, 71.594, 95.139

Deuteranopia
68, 64.649, 82.473



Tritanopia
69, 23.096, 217.410

Trichromacy



Original Color
69, 90.538, 130.924



Protanomaly
68, 74.813, 112.360



Deuteranomaly
67, 67.976, 106.642



Tritanomaly
68, 45.448, 150.119

Monochromacy



Original Color
69, 90.538, 130.924



Achromatopsia
57, 0.007, 296.813



Achromatomaly
60, 41.478, 130.269

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 90.538, 130.924 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(78, 192, 2)` looks like.

```
.text, #text, p{  
    color:rgb(78, 192, 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(78, 192, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 192, 2) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 90.538, 130.924 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(78, 192, 2) }
```

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

```
.border{ border-color:rgb(78, 192, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 192, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 192, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 192, 2);  
box-shadow:4px 4px 4px 4px rgb(78, 192, 2)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 69, 90.538, 130.924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 192, 2) }
```

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

```
.background{ background-color: rgb(78, 192,  
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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