

Converting Colors

CIELCh(68, 65.299, 130.964)

Have a look what the booklet for
CIELCh(68, 65.299, 130.964)
contains.

CIELCh(68, 65.573, 130.948)	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(68, 65.573, 130.948)

Conversions

Conversions Part 1

Format	Color
Hex	6FB846
RGB	111, 184, 70
RGB Percent	44%, 72%, 27%
CMY	0.5658, 0.2795, 0.7265
CMYK	0.40, 0.00, 0.62, 0.28
HSL	98°, 45%, 50%
HSV	98°, 62%, 72%
XYZ	24.7050, 37.9720, 11.7801
YIQ	149.1770, -6.9140, -50.9300

Conversions

Conversions Part 2

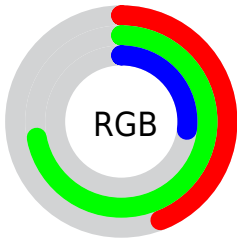
Format	Color
RYB	70, 184, 143
Decimal	7321670
CIELab	68.00, -42.97, 49.53
CIElCh	68, 65.573, 130.948
Yxy	37.9720, 0.3318, 0.5100
Android (android.graphics.Color)	4285511750 (0xFF6FB846)
YUV	149.1770, -39.0343, -33.4812
Hunter-Lab	61.6215, -36.2741, 31.8006

Details

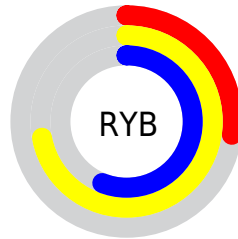
The CIELCh color **68, 65.573, 130.948** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **44, 69.352, 316.316**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 65.614, 131.037**, and **48, 65.404, 130.948** is the 20% darker color. If you saturate the color by 10%, you get **67, 74.081, 130.731**, and if you desaturate by 10%, it is **69, 55.995, 131.348**.

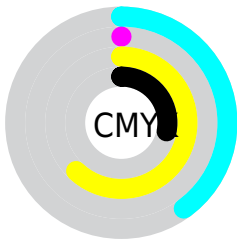
Distribution



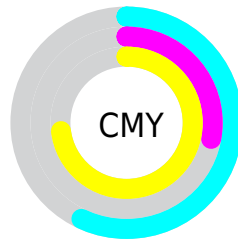
- Red (44%)
- Green (72%)
- Blue (27%)



- Red (27%)
- Yellow (72%)
- Blue (56%)



- Cyan (40%)
- Magenta (0%)
- Yellow (62%)
- Black (28%)




- Cyan (57%)
- Magenta (28%)
- Yellow (73%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 65.573, 130.948 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 68, 65.573, 130.948 by changing the saturation by 10% instead.

 68, 65.573,
130.948

 68, 65.573,
130.948

 100, 65.573,
130.948


 58, 65.573,
130.948


 88, 65.573,
130.948

 48, 65.573,
130.948

 98, 65.573,
130.948

 38, 65.573,
130.948

 28, 65.573,
130.948

 18, 65.573,
130.948

 8, 65.573, 130.948

 0, 65.573, 130.948

■ 68, 65.573,
130.948

■ 68, 65.573,
130.948

■ 67, 74.081,
130.731

■ 69, 55.995,
131.348

■ 67, 81.060,
130.816

■ 70, 45.723,
131.834

■ 66, 86.095,
131.321

■ 71, 35.036,
132.346

■ 66, 88.899,
131.932

■ 72, 24.134,
132.848

■ 73, 13.159,
133.322

■ 74, 2.211, 133.807

■ 76, 8.636, 314.104

■ 77, 19.334,
314.453

■ 79, 29.845,
314.755

Harmonies

Complementary

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



68, 65.573, 130.948



44, 69.352, 316.316

Rectangle

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



68, 65.573, 130.948



68, 65.573, 180.948



68, 65.573, 310.948



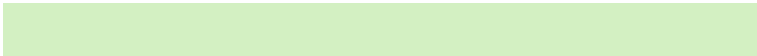
68, 65.573, 0.948

Sweetspot

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



68, 65.574, 130.949



92, 25.821, 132.980



62, 44.451, 79.963



48, 17.764, 132.842



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



68, 65.574, 130.949



85, 93.388, 130.719



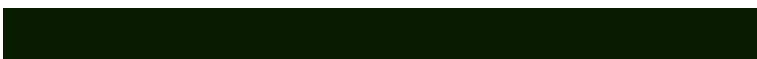
67, 66.438, 142.495



38, 6.183, 133.445



57, 78.440, 131.746



8, 17.435, 136.896

Inverse Universe

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



44, 69.352, 316.316



51, 99.472, 316.473



49, 65.330, 332.033



36, 6.243, 314.188



27, 83.660, 315.692



2, 16.412, 309.936

Previews

White Background



This preview shows how the CIELCh color 68, 65.573, 130.948 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 68, 65.573, 130.948 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 68, 65.573, 130.948

Background



This preview shows how black text looks on a background with the CIELCh color 68, 65.573, 130.948.



This preview shows how white text looks on a background with the CIELCh color 68, 65.573, 130.948.

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
68, 65.573, 130.948

Protanopia
68, 53.345, 95.399

Deuteranopia
68, 47.817, 79.853



Tritanopia
68, 16.172, 227.066

Trichromacy



Original Color
68, 65.573, 130.948



Protanomaly
67, 55.041, 111.419



Deuteranomaly
67, 48.437, 104.047



Tritanomaly
67, 26.869, 156.330

Monochromacy



Original Color
68, 65.573, 130.948



Achromatopsia
62, 0.008, 296.813



Achromatomaly
64, 25.638, 132.745

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 65.573, 130.948 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(111, 184, 70)` looks like.

```
.text, #text, p{  
    color:rgb(111, 184, 70)  
}
```

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(111, 184, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 184, 70) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 65.573, 130.948 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(111, 184, 70) }
```

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

```
.border{ border-color:rgb(111, 184, 70) }
```

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

Here you see how a box with a 4 pixel rgb(111, 184, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 184, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 184, 70);  
box-shadow:4px 4px 4px 4px rgb(111, 184,  
70) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 65.573, 130.948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 184, 70) }
```

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

```
.background{ background-color: rgb(111,  
184, 70) }
```

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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