

Converting Colors

CIELCh(68, 68.604, 131.106)

Have a look what the booklet for
CIELCh(68, 68.604, 131.106)
contains.

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Color

CIELCh(68, 68.673, 131.139)

Conversions

Conversions Part 1

Format	Color
Hex	6BB941
RGB	107, 185, 65
RGB Percent	42%, 73%, 25%
CMY	0.5823, 0.2764, 0.7469
CMYK	0.42, 0.00, 0.65, 0.28
HSL	99°, 48%, 49%
HSV	99°, 65%, 72%
XYZ	24.1965, 37.9720, 10.9861
YIQ	147.9980, -7.9680, -53.8560

Conversions

Conversions Part 2

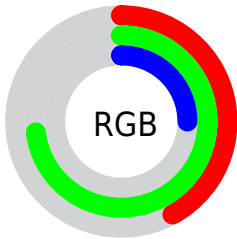
Format	Color
RYB	65, 185, 143
Decimal	7059777
CIELab	68.00, -45.18, 51.72
CIELCh	68, 68.673, 131.139
Yxy	37.9720, 0.3308, 0.5191
Android (android.graphics.Color)	4285249857 (0xFF6BB941)
YUV	147.9980, -40.9180, -35.9552
Hunter-Lab	61.6215, -37.7470, 32.5646

Details

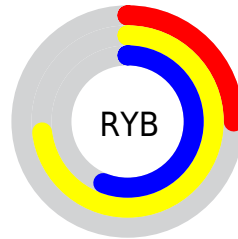
The CIELCh color **68, 68.673, 131.139** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **43, 72.583, 316.674**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 68.888, 131.240**, and **48, 68.768, 131.177** is the 20% darker color. If you saturate the color by 10%, you get **67, 76.819, 130.984**, and if you desaturate by 10%, it is **69, 59.315, 131.508**.

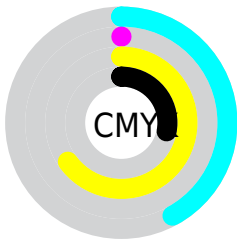
Distribution



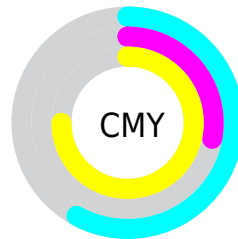
- Red (42%)
- Green (73%)
- Blue (25%)



- Red (25%)
- Yellow (73%)
- Blue (56%)



- Cyan (42%)
- Magenta (0%)
- Yellow (65%)
- Black (28%)




- Cyan (58%)
- Magenta (28%)
- Yellow (75%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 68.673, 131.139 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, 68.673, 131.139 by changing the saturation by 10% instead.

 68, 68.673,
131.139


 68, 68.673,
131.139


 100, 68.673,
131.139


 58, 68.673,
131.139


 88, 68.673,
131.139

 48, 68.673,
131.139

 98, 68.673,
131.139

 38, 68.673,
131.139

 28, 68.673,
131.139

 18, 68.673,
131.139

 8, 68.673, 131.139

 0, 68.673, 131.139

■ 68, 68.673,
131.139

■ 68, 68.673,
131.139

■ 67, 76.819,
130.984

■ 69, 59.315,
131.508

■ 67, 83.283,
131.168

■ 70, 49.153,
131.985

■ 66, 87.707,
131.790

■ 71, 38.498,
132.501

■ 66, 89.412,
132.151

■ 72, 27.572,
133.013

■ 73, 16.536,
133.499

■ 74, 5.503, 133.959

■ 76, 5.447, 314.299

■ 77, 16.255,
314.671

■ 79, 26.882,
314.984

Harmonies

Complementary

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



68, 68.673, 131.139



43, 72.583, 316.674

Rectangle

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



68, 68.673, 131.139



68, 68.673, 181.139



68, 68.673, 311.139



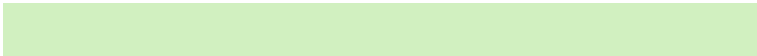
68, 68.673, 1.139

Sweetspot

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



68, 68.674, 131.140



91, 27.257, 133.245



62, 47.115, 80.947



48, 18.588, 133.108



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, 68.674, 131.140



85, 97.106, 131.014



67, 68.554, 142.560



38, 6.199, 133.761



57, 78.639, 131.964



8, 17.471, 137.116

Inverse Universe

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



43, 72.583, 316.674



49, 103.202, 316.728



48, 67.133, 332.868



36, 6.257, 314.504



27, 83.501, 315.975



2, 16.451, 310.306

Previews

White Background



This preview shows how the CIELCh color 68, 68.673, 131.139 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, 68.673, 131.139 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, 68.673, 131.139

Background



This preview shows how black text looks on a background with the CIELCh color 68, 68.673, 131.139.



This preview shows how white text looks on a background with the CIELCh color 68, 68.673, 131.139.

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, 68.673, 131.139

Protanopia
68, 55.459, 95.502

Deuteranopia
68, 50.279, 80.247



Tritanopia
68, 17.057, 223.267

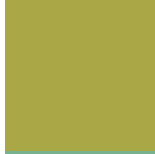
Trichromacy



Original Color
68, 68.673, 131.139



Protanomaly
67, 57.192, 111.410



Deuteranomaly
67, 50.735, 103.851



Tritanomaly
68, 29.040, 155.621

Monochromacy



Original Color
68, 68.673, 131.139



Achromatopsia
61, 0.008, 296.813



Achromatomaly
63, 26.340, 132.973

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 68.673, 131.139 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(107, 185, 65)` looks like.

```
.text, #text, p{  
    color:rgb(107, 185, 65)  
}
```

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(107, 185, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 185, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 68.673, 131.139 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(107, 185, 65) }
```

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

```
.border{ border-color:rgb(107, 185, 65) }
```

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

Here you see how a box with a 4 pixel rgb(107, 185, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 185, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 185, 65);  
box-shadow:4px 4px 4px 4px rgb(107, 185,  
65) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 68.673, 131.139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 185, 65) }
```

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

```
.background{ background-color: rgb(107,  
185, 65) }
```

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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