

Converting Colors

CIELCh(68, 94.631, 136.810)

Have a look what the booklet for
CIELCh(68, 94.631, 136.810)
contains.

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Color

CIELCh(68, 94.466, 136.806)

Conversions

Conversions Part 1

Format	Color
Hex	08C015
RGB	8, 192, 21
RGB Percent	3%, 75%, 8%
CMY	0.9690, 0.2455, 0.9189
CMYK	0.96, 0.00, 0.89, 0.25
HSL	124°, 92%, 39%
HSV	124°, 96%, 75%
XYZ	19.1654, 37.9720, 7.0126
YIQ	117.4900, -54.7730, -92.1890

Conversions

Conversions Part 2

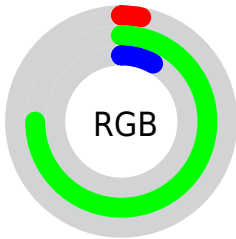
Format	Color
RYB	8, 180, 192
Decimal	573461
CIELab	68.00, -68.87, 64.66
CIELCh	68, 94.466, 136.806
Yxy	37.9720, 0.2988, 0.5919
Android (android.graphics.Color)	4278763541 (0xFF08C015)
YUV	117.4900, -47.5696, -96.0227
Hunter-Lab	61.6215, -52.3208, 36.3877

Details

The CIELCh color **68, 94.466, 136.806** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark washed green. A complement of this color would be **45, 87.938, 331.064**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **88, 94.344, 136.817**, and **49, 75.472, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **68, 95.632, 136.559**, and if you desaturate by 10%, it is **68, 90.208, 137.769**.

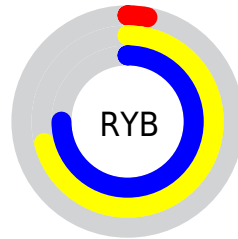
Distribution



Red (3%)

Green (75%)

Blue (8%)



Red (3%)

Yellow (71%)

Blue (75%)

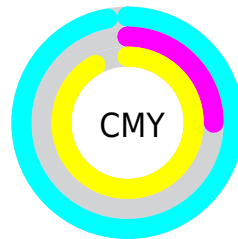


Cyan (96%)

Magenta (0%)

Yellow (89%)

Black (25%)



Cyan (97%)

Magenta (25%)


Yellow (92%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 94.466, 136.806 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, 94.466, 136.806 by changing the saturation by 10% instead.

 68, 94.466,
136.806

 68, 94.466,
136.806

 100, 94.466,
136.806


 58, 94.466,
136.806


 88, 94.466,
136.806

 48, 94.466,
136.806

 98, 94.466,
136.806

 38, 94.466,
136.806

 28, 94.466,
136.806

 18, 94.466,
136.806

 8, 94.466, 136.806

 0, 94.466, 136.806

■ 68, 94.466,
136.806

■ 68, 94.466,
136.806

■ 68, 95.632,
136.559

■ 68, 90.208,
137.769

■ 69, 83.782,
138.958

■ 69, 75.498,
140.235

■ 70, 65.750,
141.490

■ 71, 54.925,
142.650

■ 72, 43.373,
143.686

■ 73, 31.394,
144.589

■ 75, 19.232,

145.368

■ 77, 7.080, 146.053

Harmonies

Complementary

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



68, 94.466, 136.806



45, 87.938, 331.064

Rectangle

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



68, 94.466, 136.806



68, 94.466, 186.806



68, 94.466, 316.806



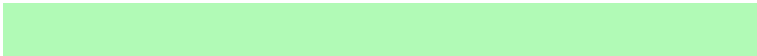
68, 94.466, 6.806

Sweetspot

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



68, 94.465, 136.807



92, 43.469, 144.281



75, 77.825, 106.908



48, 29.773, 143.889



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



68, 94.465, 136.807



86, 116.765, 136.434



69, 65.544, 153.586



40, 6.880, 145.821



57, 83.436, 136.677



10, 23.471, 145.339

Inverse Universe

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



45, 87.938, 331.064



58, 107.689, 331.252



41, 67.555, 6.711



38, 6.892, 326.861



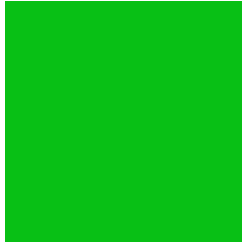
37, 77.529, 331.158



4, 22.709, 328.757

Previews

White Background



This preview shows how the CIELCh color 68, 94.466, 136.806 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, 94.466, 136.806 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

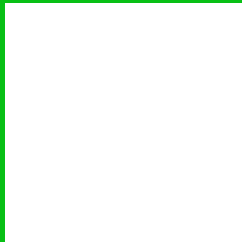
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 94.466, 136.806

Background



This preview shows how black text looks on a background with the CIELCh color 68, 94.466, 136.806.

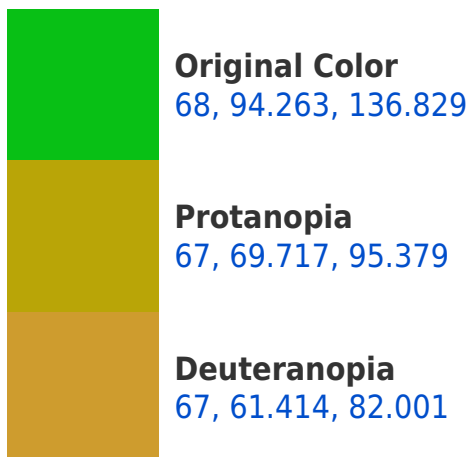


This preview shows how white text looks on a background with the CIELCh color 68, 94.466, 136.806.

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





Tritanopia
68, 29.151, 212.799

Trichromacy



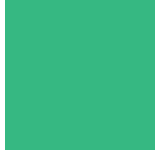
Original Color
68, 94.263, 136.829



Protanomaly
66, 75.844, 120.668



Deuteranomaly
65, 66.248, 116.881



Tritanomaly
67, 50.838, 159.856

Monochromacy



Original Color
68, 94.263, 136.829



Achromatopsia
50, 0.007, 296.813



Achromatomaly
55, 43.795, 142.876

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 94.466, 136.806 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(8, 192, 21)` looks like.

```
.text, #text, p{  
    color:rgb(8, 192, 21)  
}
```

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(8, 192, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 192, 21) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 94.466, 136.806 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(8, 192, 21) }
```

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

```
.border{ border-color:rgb(8, 192, 21) }
```

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

Here you see how a box with a 4 pixel rgb(8, 192, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 192, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 192, 21);  
box-shadow:4px 4px 4px 4px rgb(8, 192, 21)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 68, 94.466, 136.806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 192, 21) }
```

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

```
.background{ background-color: rgb(8, 192,  
21) }
```

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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