

Converting Colors

CIELCh(68, 94.197, 137.000)

Have a look what the booklet for
CIELCh(68, 94.197, 137.000)
contains.

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Color

CIELCh(68, 94.007, 137.007)

Conversions

Conversions Part 1

Format	Color
Hex	08C018
RGB	8, 192, 24
RGB Percent	3%, 75%, 9%
CMY	0.9694, 0.2456, 0.9075
CMYK	0.96, 0.00, 0.88, 0.25
HSL	125°, 92%, 39%
HSV	125°, 96%, 75%
XYZ	19.1868, 37.9720, 7.1593
YIQ	117.8320, -55.7360, -91.2560

Conversions

Conversions Part 2

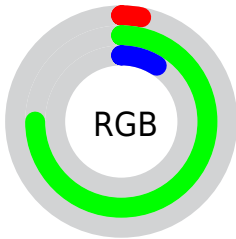
Format	Color
RYB	8, 177, 192
Decimal	573464
CIELab	68.00, -68.76, 64.10
CIElCh	68, 94.007, 137.007
Yxy	37.9720, 0.2983, 0.5904
Android (android.graphics.Color)	4278763544 (0xFF08C018)
YUV	117.8320, -46.2592, -96.3227
Hunter-Lab	61.6215, -52.2587, 36.2466

Details

The CIELCh color **68, 94.007, 137.007** 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, 86.845, 331.806**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **88, 93.686, 137.085**, and **49, 75.472, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **68, 95.253, 136.719**, and if you desaturate by 10%, it is **68, 89.572, 138.065**.

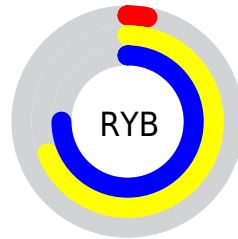
Distribution



Red (3%)

Green (75%)

Blue (9%)



Red (3%)

Yellow (69%)

Blue (75%)

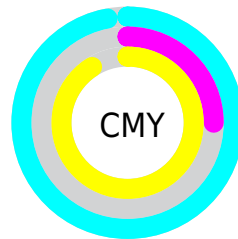


Cyan (96%)

Magenta (0%)

Yellow (88%)

Black (25%)



Cyan (97%)


Magenta (25%)


Yellow (91%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 94.007, 137.007 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, 94.007, 137.007 by changing the saturation by 10% instead.

 68, 94.007,
137.007


 68, 94.007,
137.007


 100, 94.007,
137.007

 58, 94.007,
137.007

 88, 94.007,
137.007

 48, 94.007,
137.007

 98, 94.007,
137.007

 38, 94.007,
137.007

 28, 94.007,
137.007

 18, 94.007,
137.007

 8, 94.007, 137.007

 0, 94.007, 137.007

■ 68, 94.007,
137.007

■ 68, 94.007,
137.007

■ 68, 95.253,
136.719

■ 68, 89.572,
138.065

■ 69, 83.064,
139.323

■ 69, 74.784,
140.644

■ 70, 65.100,
141.924

■ 71, 54.379,
143.099

■ 72, 42.952,
144.144

■ 73, 31.108,
145.053

■ 75, 19.086,

145.838

■ 77, 7.073, 146.528

Harmonies

Complementary

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



68, 94.007, 137.007



45, 86.845, 331.806

Rectangle

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



68, 94.007, 137.007



68, 94.007, 187.007



68, 94.007, 317.007



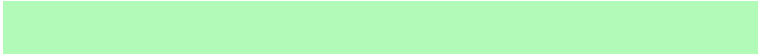
68, 94.007, 7.007

Sweetspot

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



68, 94.007, 137.008



92, 42.977, 144.748



74, 77.956, 107.890



48, 29.436, 144.354



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, 94.007, 137.008



86, 116.365, 136.575



69, 64.355, 154.563



40, 6.802, 146.298



57, 83.083, 136.852



10, 23.286, 145.645

Inverse Universe

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



45, 86.845, 331.806



58, 106.290, 332.036



41, 67.590, 8.310



38, 6.815, 327.346



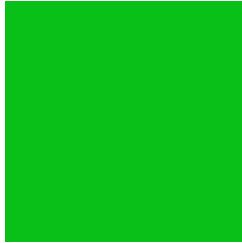
37, 76.549, 331.917



4, 22.361, 329.384

Previews

White Background



This preview shows how the CIELCh color 68, 94.007, 137.007 looks on a white background.

Color Contrast Check

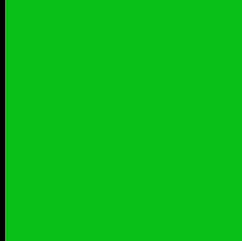
Large Text (above 18pt) WCAG AA × Fail

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, 94.007, 137.007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

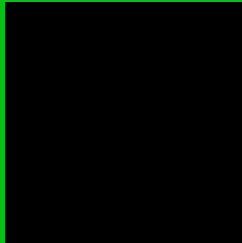
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 94.007, 137.007

Background



This preview shows how black text looks on a background with the CIELCh color 68, 94.007, 137.007.



This preview shows how white text looks on a background with the CIELCh color 68, 94.007, 137.007.

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, 93.789, 137.038

Protanopia
67, 68.942, 95.376

Deuteranopia
67, 61.061, 81.917



Tritanopia
68, 29.151, 212.799

Trichromacy



Original Color
68, 93.789, 137.038



Protanomaly
66, 75.132, 120.893



Deuteranomaly
65, 65.949, 116.967



Tritanomaly
67, 50.457, 160.318

Monochromacy



Original Color
68, 93.789, 137.038



Achromatopsia
50, 0.007, 296.813



Achromatomaly
55, 43.350, 143.295

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 94.007, 137.007 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, 24)` looks like.

```
.text, #text, p{  
    color:rgb(8, 192, 24)  
}
```

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, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 192, 24) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 94.007, 137.007 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, 24) }
```

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

```
.border{ border-color:rgb(8, 192, 24) }
```

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, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 192, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 192, 24);  
box-shadow:4px 4px 4px 4px rgb(8, 192, 24)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 68, 94.007, 137.007 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, 24) }
```

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

```
.background{ background-color: rgb(8, 192,  
24) }
```

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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