

Converting Colors

CIELCh(84, 108.239, 131.546)

Have a look what the booklet for
CIELCh(84, 108.239, 131.546)
contains.

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Color

CIELCh(84, 107.959, 131.682)

Conversions

Conversions Part 1

Format	Color
Hex	5BEF01
RGB	91, 239, 1
RGB Percent	36%, 94%, 0%
CMY	0.6423, 0.0621, 0.9977
CMYK	0.62, 0.00, 1.00, 0.06
HSL	97°, 100%, 47%
HSV	97°, 100%, 94%
XYZ	35.2525, 64.0658, 10.5241
YIQ	167.6160, -11.8100, -105.3940

Conversions

Conversions Part 2

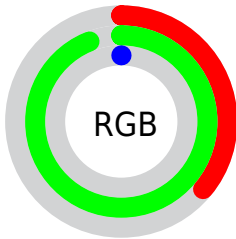
Format	Color
RYB	1, 239, 149
Decimal	6024961
CIELab	84.00, -71.79, 80.63
CIELCh	84, 107.959, 131.682
Yxy	64.0658, 0.3209, 0.5833
Android (android.graphics.Color)	4284215041 (0xFF5BEF01)
YUV	167.6160, -82.1417, -67.1922
Hunter-Lab	80.0411, -61.4551, 48.2331

Details

The CIELCh color **84, 107.959, 131.682** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed green. A complement of this color would be **42, 115.935, 314.815**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 87.204, 129.439**, and **65, 92.981, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **84, 108.046, 131.706**, and if you desaturate by 10%, it is **84, 103.935, 130.753**.

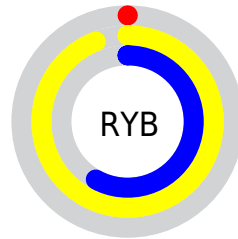
Distribution



Red (36%)

Green (94%)

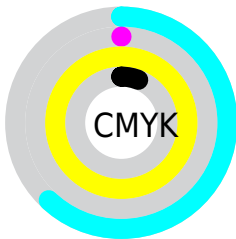
Blue (0%)



Red (0%)

Yellow (94%)

Blue (58%)

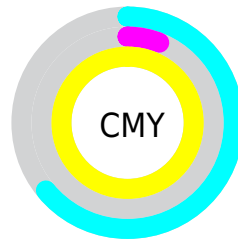


Cyan (62%)

Magenta (0%)

Yellow (100%)

Black (6%)



Cyan (64%)


Magenta (6%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 107.959, 131.682 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 84, 107.959, 131.682 by changing the saturation by 10% instead.


 84, 107.959,
131.682

 84, 107.959,
131.682


 100, 107.959,
131.682


 74, 107.959,
131.682


 64, 107.959,
131.682

 54, 107.959,
131.682

 44, 107.959,
131.682

 34, 107.959,
131.682

 24, 107.959,
131.682

 14, 107.959,

131.682

■ 4, 107.959,
131.682

■ 0, 107.959,
131.682

■ 84, 107.959,
131.682

■ 84, 107.959,
131.682

■ 84, 108.046,
131.706

■ 84, 103.935,
130.753

■ 85, 97.496,
130.242

■ 86, 88.668,
130.160

■ 87, 77.998,
130.384

■ 88, 66.060,
130.785

■ 89, 53.313,
131.272

■ 90, 40.096,
131.782

■ 91, 26.644,
132.282

■ 93, 13.124,
132.754

Harmonies

Complementary

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



84, 107.959, 131.682



42, 115.935, 314.815

Rectangle

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



84, 107.959, 131.682



84, 107.959, 181.682



84, 107.959, 311.682



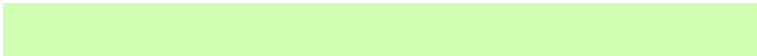
84, 107.959, 1.682

Sweetspot

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



84, 107.958, 131.683



95, 42.584, 131.764



69, 78.691, 70.427



50, 29.007, 131.548



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



84, 107.958, 131.683



89, 113.483, 131.756



83, 111.499, 136.956



49, 7.661, 132.766



66, 88.368, 131.460



20, 36.389, 130.702

Inverse Universe

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



42, 115.935, 314.815



45, 121.825, 314.760



55, 100.302, 333.581



47, 7.740, 313.538



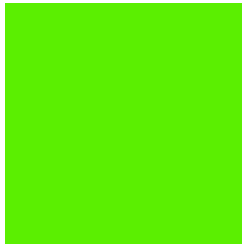
32, 95.035, 314.977



6, 40.004, 315.931

Previews

White Background



This preview shows how the CIELCh color 84, 107.959, 131.682 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 84, 107.959, 131.682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

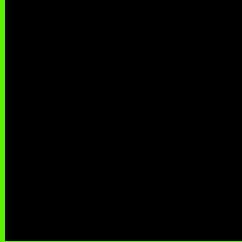
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 107.959, 131.682

Background



This preview shows how black text looks on a background with the CIELCh color 84, 107.959, 131.682.



This preview shows how white text looks on a background with the CIELCh color 84, 107.959,

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

84, 107.888, 131.706

Protanopia

83, 83.951, 95.024

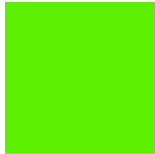
Deuteranopia

83, 59.816, 80.822



Tritanopia
84, 28.214, 217.589

Trichromacy



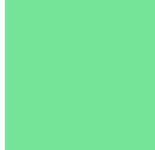
Original Color
84, 107.888, 131.706



Protanomaly
82, 88.079, 113.081



Deuteranomaly
82, 73.723, 109.755

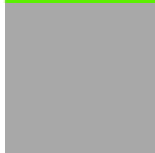


Tritanomaly
83, 55.184, 150.635

Monochromacy



Original Color
84, 107.888, 131.706



Achromatopsia
69, 0.009, 296.813



Achromatomaly
73, 50.557, 131.061

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 107.959, 131.682 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(91, 239, 1)` looks like.

```
.text, #text, p{  
    color:rgb(91, 239, 1)  
}
```

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(91, 239, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 239, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 107.959, 131.682 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(91, 239, 1) }
```

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

```
.border{ border-color:rgb(91, 239, 1) }
```

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

Here you see how a box with a 4 pixel rgb(91, 239, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 239, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 239, 1);  
box-shadow:4px 4px 4px 4px rgb(91, 239, 1)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 84, 107.959, 131.682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 239, 1) }
```

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

```
.background{ background-color: rgb(91, 239,  
1) }
```

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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