

Converting Colors

CIELCh(84, 111.528, 134.102)

Have a look what the booklet for
CIELCh(84, 111.528, 134.102)
contains.

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Color

CIELCh(84, 111.454, 134.091)

Conversions

Conversions Part 1

Format	Color
Hex	3FF105
RGB	63, 241, 5
RGB Percent	25%, 95%, 2%
CMY	0.7521, 0.0543, 0.9823
CMYK	0.74, 0.00, 0.98, 0.05
HSL	105°, 96%, 48%
HSV	105°, 98%, 95%
XYZ	33.5846, 64.0658, 10.7244
YIQ	160.8740, -30.3320, -111.1320

Conversions

Conversions Part 2

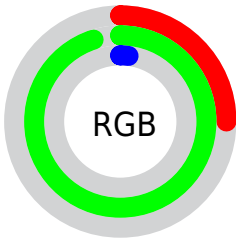
Format	Color
RYB	5, 241, 183
Decimal	4190469
CIELab	84.00, -77.55, 80.05
CIELCh	84, 111.454, 134.091
Yxy	64.0658, 0.3099, 0.5912
Android (android.graphics.Color)	4282380549 (0xFF3FF105)
YUV	160.8740, -76.8459, -85.8355
Hunter-Lab	80.0411, -65.1747, 48.0847

Details

The CIELCh color **84, 111.454, 134.091** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark saturated green. A complement of this color would be **48, 113.312, 319.026**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 89.837, 132.849**, and **65, 93.360, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **84, 112.058, 134.193**, and if you desaturate by 10%, it is **84, 107.284, 133.555**.

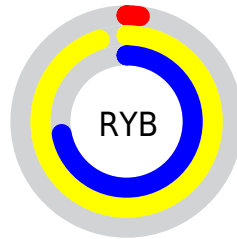
Distribution



Red (25%)

Green (95%)

Blue (2%)



Red (2%)

Yellow (95%)

Blue (72%)

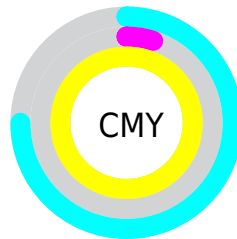


Cyan (74%)

Magenta (0%)

Yellow (98%)

Black (5%)



Cyan (75%)


Magenta (5%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 111.454, 134.091 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, 111.454, 134.091 by changing the saturation by 10% instead.


 84, 111.454,
134.091


 84, 111.454,
134.091


 100, 111.454,
134.091


 74, 111.454,
134.091


 64, 111.454,
134.091

 54, 111.454,
134.091

 44, 111.454,
134.091

 34, 111.454,
134.091

 24, 111.454,
134.091

 14, 111.454,

134.091

■ 4, 111.454,
134.091

■ 0, 111.454,
134.091

■ 84, 111.454,
134.091

■ 84, 111.454,
134.091

■ 84, 112.058,
134.193

■ 84, 107.284,
133.555

■ 85, 100.374,
133.427

■ 86, 90.969,
133.665

■ 87, 79.664,
134.138

■ 88, 67.053,
134.727

■ 89, 53.614,
135.347

■ 90, 39.701,
135.948

■ 92, 25.574,
136.504

■ 94, 11.421,
137.012

Harmonies

Complementary

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



84, 111.454, 134.091



48, 113.312, 319.026

Rectangle

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



84, 111.454, 134.091



84, 111.454, 184.091



84, 111.454, 314.091



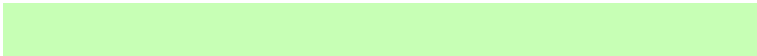
84, 111.454, 4.091

Sweetspot

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



84, 111.453, 134.092



95, 42.820, 135.892



77, 79.913, 83.400



50, 29.346, 135.637



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, 111.453, 134.092



88, 116.949, 134.225



84, 104.835, 139.726



49, 7.950, 136.946



66, 91.121, 134.005



20, 37.651, 133.765

Inverse Universe

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



48, 113.312, 319.026



50, 118.757, 318.889



54, 91.194, 341.356



47, 8.004, 317.743



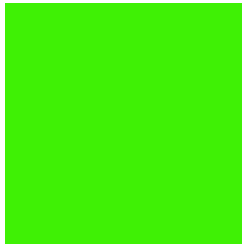
36, 92.711, 319.057



7, 40.080, 320.152

Previews

White Background



This preview shows how the CIELCh color 84, 111.454, 134.091 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, 111.454, 134.091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

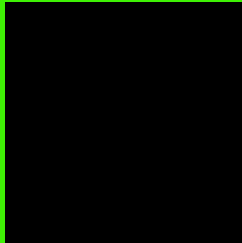
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 111.454, 134.091

Background



This preview shows how black text looks on a background with the CIELCh color 84, 111.454, 134.091.

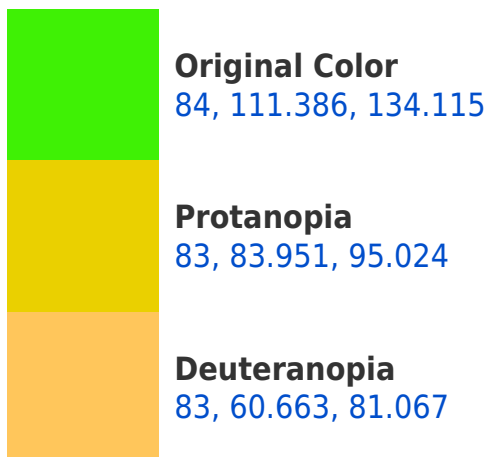



This preview shows how white text looks on a background with the CIELCh color 84, 111.454, 134.091.

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](#).

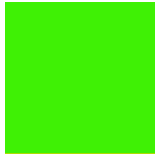
Dichromacy





Tritanopia
84, 32.058, 214.883

Trichromacy



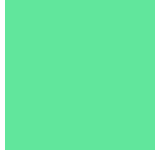
Original Color
84, 111.386, 134.115



Protanomaly
82, 89.243, 115.864



Deuteranomaly
81, 74.444, 113.267



Tritanomaly
83, 58.780, 154.417

Monochromacy



Original Color
84, 111.386, 134.115



Achromatopsia
66, 0.008, 296.813



Achromatomaly
71, 52.229, 135.053

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 111.454, 134.091 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(63, 241, 5)` looks like.

```
.text, #text, p{  
    color:rgb(63, 241, 5)  
}
```

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(63, 241, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 241, 5) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 111.454, 134.091 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(63, 241, 5) }
```

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

```
.border{ border-color:rgb(63, 241, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 241, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 241, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 241, 5);  
box-shadow:4px 4px 4px 4px rgb(63, 241, 5)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 84, 111.454, 134.091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 241, 5) }
```

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

```
.background{ background-color: rgb(63, 241,  
5) }
```

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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