

Converting Colors

CIELCh(84, 37.237, 221.992)

Have a look what the booklet for
CIELCh(84, 37.237, 221.992)
contains.

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Color

CIELCh(84, 37.132, 221.957)

Conversions

Conversions Part 1

Format	Color
Hex	5EE2FF
RGB	94, 226, 255
RGB Percent	37%, 89%, 100%
CMY	0.6308, 0.1133, 0.0000
CMYK	0.63, 0.11, 0.00, 0.00
HSL	191°, 100%, 68%
HSV	191°, 63%, 100%
XYZ	49.9235, 64.0658, 104.4359
YIQ	189.8380, -87.9810, -18.9650

Conversions

Conversions Part 2

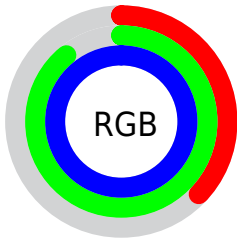
Format	Color
RYB	94, 167, 255
Decimal	6218495
CIELab	84.00, -27.61, -24.83
CIElCh	84, 37.132, 221.957
Yxy	64.0658, 0.2286, 0.2933
Android (android.graphics.Color)	4284408575 (0xFF5EE2FF)
YUV	189.8380, 32.1249, -84.0499
Hunter-Lab	80.0411, -28.7373, -21.3316

Details

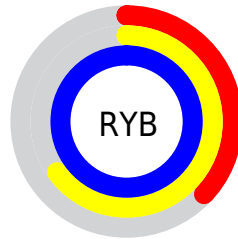
The CIELCh color **84, 37.132, 221.957** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **67, 62.155, 39.319**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 29.647, 197.591**, and **64, 36.090, 222.958** is the 20% darker color. If you saturate the color by 10%, you get **82, 40.050, 223.827**, and if you desaturate by 10%, it is **86, 33.232, 220.354**.

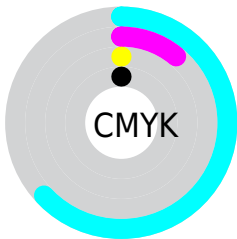
Distribution



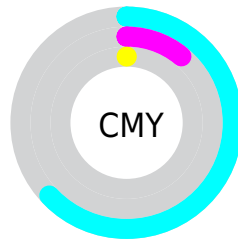
- Red (37%)
- Green (89%)
- Blue (100%)



- Red (37%)
- Yellow (65%)
- Blue (100%)



- Cyan (63%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)





- Cyan (63%)
- Magenta (11%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 37.132, 221.957 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, 37.132, 221.957 by changing the saturation by 10% instead.


 84, 37.132,
221.957


 84, 37.132,
221.957


 100, 37.132,
221.957


 74, 37.132,
221.957

 64, 37.132,
221.957

 54, 37.132,
221.957

 44, 37.132,
221.957

 34, 37.132,
221.957

 24, 37.132,
221.957

 14, 37.132,

221.957

■ 4, 37.132, 221.957

■ 0, 37.132, 221.957

■ 84, 37.132,
221.957

■ 84, 37.132,
221.957

■ 82, 40.050,
223.827

■ 86, 33.232,
220.354

■ 80, 42.038,
226.330

■ 88, 28.440,
219.228

■ 79, 43.189,
229.433

■ 91, 22.837,
218.410

■ 78, 43.655,
231.882

■ 93, 16.539,
217.842

■ 96, 9.667, 217.484

99, 2.337, 217.462

100, 0.012,
296.813

Harmonies

Complementary

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



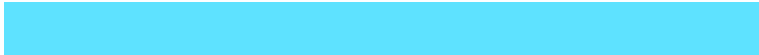
84, 37.132, 221.957



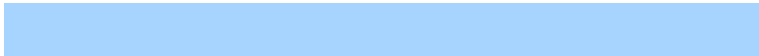
67, 62.155, 39.319

Rectangle

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



84, 37.132, 221.957



84, 37.132, 271.957



84, 37.132, 41.957



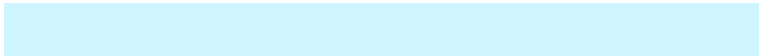
84, 37.132, 91.957

Sweetspot

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



84, 37.120, 221.861



95, 13.797, 217.671



90, 85.659, 143.146



50, 9.408, 217.787



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, 37.120, 221.861



82, 40.725, 224.498



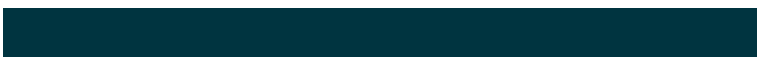
62, 60.540, 284.251



52, 4.242, 217.409



60, 35.135, 231.197



19, 16.135, 226.474

Inverse Universe

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



66, 83.276, 334.029



61, 93.638, 335.005



84, 59.976, 82.468



50, 7.998, 330.385



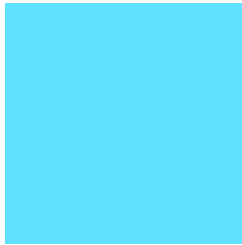
44, 80.910, 336.964



11, 37.840, 335.727

Previews

White Background



This preview shows how the CIE LCh color 84, 37.132, 221.957 looks on a white background.

Color Contrast Check

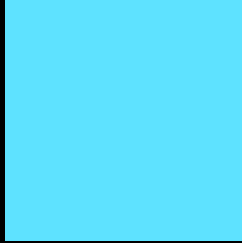
Large Text (above 18pt) WCAG AA × Fail

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, 37.132, 221.957 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, 37.132, 221.957

Background



This preview shows how black text looks on a background with the CIELCh color 84, 37.132, 221.957.

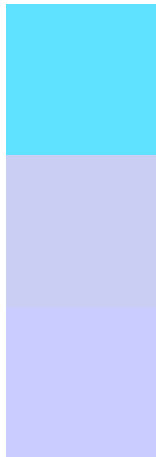


This preview shows how white text looks on a background with the CIELCh color 84, 37.132, 221.957.

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

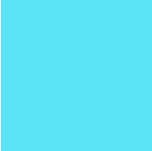
84, 37.132, 221.957

Protanopia

83, 19.064, 286.766

Deuteranopia

83, 26.964, 291.084



Tritanopia
84, 37.463, 211.966

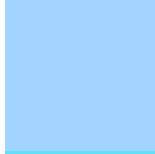
Trichromacy



Original Color
84, 37.132, 221.957



Protanomaly
83, 23.508, 248.948



Deuteranomaly
83, 26.696, 257.749

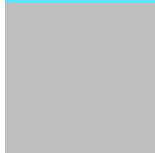


Tritanomaly
84, 37.089, 215.651

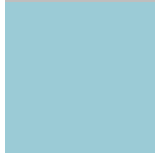
Monochromacy



Original Color
84, 37.132, 221.957



Achromatopsia
77, 0.009, 296.813



Achromatomaly
79, 16.822, 218.936

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 37.132, 221.957 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(94, 226, 255)` looks like.

```
.text, #text, p{  
    color:rgb(94, 226, 255)  
}
```

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(94, 226, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 226, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 37.132, 221.957 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(94, 226, 255) }
```

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

```
.border{ border-color:rgb(94, 226, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 226, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 226, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 226, 255);  
box-shadow:4px 4px 4px 4px rgb(94, 226,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 37.132, 221.957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 226, 255) }
```

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

```
.background{ background-color: rgb(94, 226,  
255) }
```

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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