

Converting Colors

CIELCh(94, 92.730, 116.260)

Have a look what the booklet for
CIELCh(94, 92.730, 116.260)
contains.

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Color

CIELCh(94, 92.326, 116.066)

Conversions

Conversions Part 1

Format	Color
Hex	CEFF35
RGB	206, 255, 53
RGB Percent	81%, 100%, 21%
CMY	0.1934, 0.0000, 0.7927
CMYK	0.19, 0.00, 0.79, 0.00
HSL	75°, 100%, 60%
HSV	75°, 79%, 100%
XYZ	61.9732, 85.2715, 16.5426
YIQ	217.3210, 35.6380, -73.2100

Conversions

Conversions Part 2

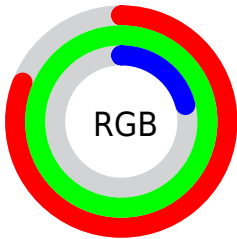
Format	Color
RYB	53, 255, 102
Decimal	13565749
CIELab	94.00, -40.57, 82.94
CIELCh	94, 92.326, 116.066
Yxy	85.2715, 0.3784, 0.5206
Android (android.graphics.Color)	4291755829 (0xFFCEFF35)
YUV	217.3210, -81.0103, -9.9285
Hunter-Lab	92.3426, -41.8041, 54.0183

Details

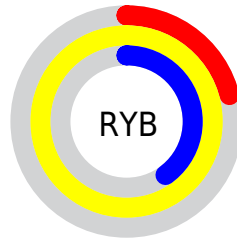
The CIELCh color **94, 92.326, 116.066** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **42, 114.481, 307.055**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 67.032, 105.049**, and **74, 83.471, 117.826** is the 20% darker color. If you saturate the color by 10%, you get **93, 97.560, 116.385**, and if you desaturate by 10%, it is **94, 84.058, 115.909**.

Distribution



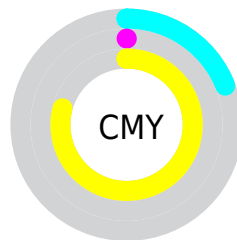
- Red (81%)
- Green (100%)
- Blue (21%)



- Red (21%)
- Yellow (100%)
- Blue (40%)



- Cyan (19%)
- Magenta (0%)
- Yellow (79%)
- Black (0%)



- Cyan (19%)
- Magenta (0%)
- Yellow (79%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 92.326, 116.066 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 94, 92.326, 116.066 by changing the saturation by 10% instead.

 94, 92.326,
116.066


 94, 92.326,
116.066

 100, 92.326,
116.066


 84, 92.326,
116.066

 74, 92.326,
116.066

 64, 92.326,
116.066

 54, 92.326,
116.066

 44, 92.326,
116.066

 34, 92.326,
116.066

 24, 92.326,

116.066

■ 14, 92.326,
116.066

■ 4, 92.326, 116.066

■ 94, 92.326,
116.066

■ 94, 92.326,
116.066

■ 93, 97.560,
116.385

■ 94, 84.058,
115.909

■ 93, 100.531,
117.245

■ 95, 74.142,
116.163

■ 93, 100.707,
117.313

■ 96, 62.898,
116.612

■ 96, 50.800,
117.176

■ 97, 38.178,
117.802

■ 98, 25.253,
118.450

■ 99, 12.171,
119.099

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.



94, 92.326, 116.066



42, 114.481, 307.055

Rectangle

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



94, 92.326, 116.066



94, 92.326, 166.066



94, 92.326, 296.066



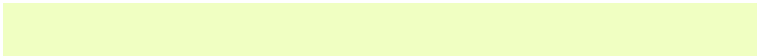
94, 92.326, 346.066

Sweetspot

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



94, 92.052, 115.949



98, 31.392, 118.142



62, 79.313, 44.317



52, 21.527, 117.911



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



94, 92.052, 115.949



93, 99.498, 116.838



89, 105.380, 133.027



53, 7.464, 119.083



72, 81.020, 117.092



25, 36.498, 115.900

Inverse Universe

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



42, 114.481, 307.055



36, 128.778, 307.584



54, 108.862, 319.219



49, 7.616, 300.310



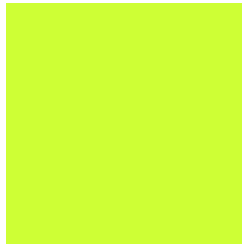
25, 105.556, 307.654



4, 44.646, 306.451

Previews

White Background



This preview shows how the CIELCh color 94, 92.326, 116.066 looks on a white background.

Color Contrast Check

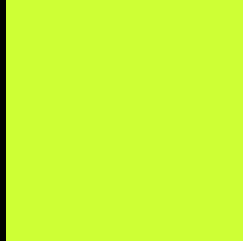
Large Text (above 18pt) WCAG AA × Fail

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 94, 92.326, 116.066 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 94, 92.326, 116.066

Background



This preview shows how black text looks on a background with the CIELCh color 94, 92.326, 116.066.

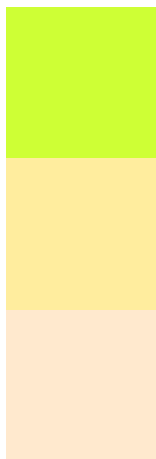


This preview shows how white text looks on a background with the CIELCh color 94, 92.326, 116.066.

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

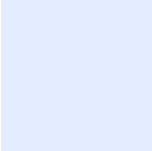
94, 91.986, 115.879

Protanopia

94, 40.768, 96.785

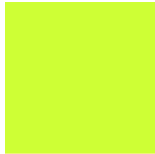
Deuteranopia

93, 16.176, 78.239



Tritanopia
94, 9.813, 270.688

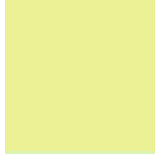
Trichromacy



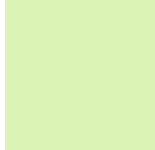
Original Color
94, 91.986, 115.879



Protanomaly
93, 61.221, 108.006



Deuteranomaly
93, 45.866, 108.508

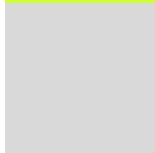


Tritanomaly
93, 33.464, 124.068

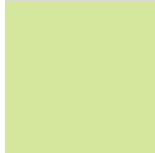
Monochromacy



Original Color
94, 91.986, 115.879



Achromatopsia
87, 0.010, 296.813



Achromatomaly
89, 38.492, 117.604

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 92.326, 116.066 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(206, 255, 53)` looks like.

```
.text, #text, p{  
    color:rgb(206, 255, 53)  
}
```

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(206, 255, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 255, 53) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 92.326, 116.066 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(206, 255, 53) }
```

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

```
.border{ border-color:rgb(206, 255, 53) }
```

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

Here you see how a box with a 4 pixel rgb(206, 255, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 255, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 255, 53);  
box-shadow:4px 4px 4px 4px rgb(206, 255,  
53) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 92.326, 116.066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 255, 53) }
```

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

```
.background{ background-color: rgb(206,  
255, 53) }
```

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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