

Converting Colors

CIELCh(95, 94.211, 110.614)

Have a look what the booklet for
CIELCh(95, 94.211, 110.614)
contains.

CIELCh(95, 94.240, 110.668)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(95, 94.240, 110.668)

Conversions

Conversions Part 1

Format	Color
Hex	E1FF23
RGB	225, 255, 35
RGB Percent	88%, 100%, 14%
CMY	0.1178, 0.0001, 0.8629
CMYK	0.12, 0.00, 0.86, 0.00
HSL	68°, 100%, 57%
HSV	68°, 86%, 100%
XYZ	67.0893, 87.6183, 14.9612
YIQ	220.9500, 52.7400, -74.7800

Conversions

Conversions Part 2

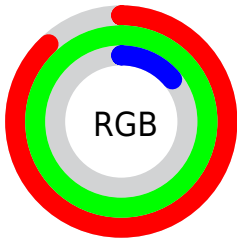
Format	Color
R _Y B	35, 255, 65
Decimal	14810915
CIE Lab	95.00, -33.26, 88.17
CIE LCh	95, 94.240, 110.668
Yxy	87.6183, 0.3954, 0.5164
Android (android.graphics.Color)	4293000995 (0xFFE1FF23)
YUV	220.9500, -91.6733, 3.5519
Hunter-Lab	93.6047, -35.8719, 56.0467

Details

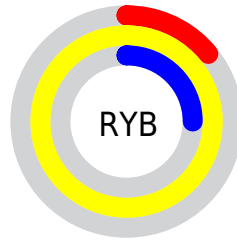
The CIELCh color **95, 94.240, 110.668** is a light color, and the websafe version is hex **CCFF00**. The color can be described as light washed yellow. A complement of this color would be **37, 123.737, 306.127**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 71.641, 104.701**, and **75, 81.612, 112.890** is the 20% darker color. If you saturate the color by 10%, you get **95, 97.460, 111.059**, and if you desaturate by 10%, it is **95, 88.296, 110.635**.

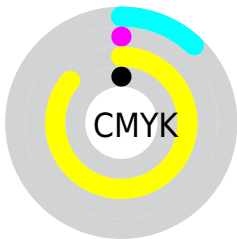
Distribution



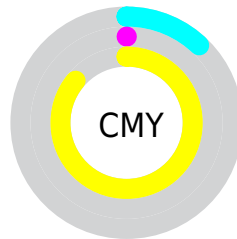
- Red (88%)
- Green (100%)
- Blue (14%)



- Red (14%)
- Yellow (100%)
- Blue (25%)



- Cyan (12%)
- Magenta (0%)
- Yellow (86%)
- Black (0%)



- Cyan (12%)
- Magenta (0%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 94.240, 110.668 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 95, 94.240, 110.668 by changing the saturation by 10% instead.


 95, 94.240,
110.668

 95, 94.240,
110.668

 100, 94.240,
110.668

 85, 94.240,
110.668

 75, 94.240,
110.668

 65, 94.240,
110.668

 55, 94.240,
110.668

 45, 94.240,
110.668

 35, 94.240,
110.668

 25, 94.240,


110.668


 15, 94.240,
110.668


 5, 94.240, 110.668


 95, 94.240,
110.668

 95, 94.240,
110.668


 95, 97.460,
111.059

 95, 88.296,
110.635

 95, 98.191,
111.264

 96, 79.964,
110.899

 96, 69.854,
111.384

 97, 58.542,
112.014

■ 97, 46.466,
112.732

■ 98, 33.926,
113.496

■ 99, 21.117,
114.275

■ 99, 8.168, 115.049

100, 0.030,
314.016

Harmonies

Complementary

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



95, 94.240, 110.668



37, 123.737, 306.127

Rectangle

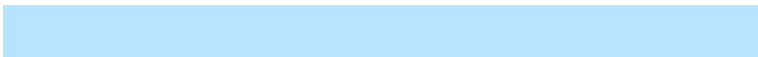
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 94.240, 110.668



95, 94.240, 160.668



95, 94.240, 290.668



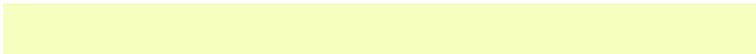
95, 94.240, 340.668

Sweetspot

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



95, 94.240, 110.670



98, 33.558, 113.518



57, 91.213, 40.193



52, 22.697, 113.250



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



95, 94.240, 110.670



95, 98.200, 111.264



90, 107.648, 130.881



53, 7.381, 114.802



73, 79.061, 111.126



25, 35.822, 110.429

Inverse Universe

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



37, 123.737, 306.127



33, 132.907, 306.710



49, 115.248, 316.008



49, 7.543, 296.302



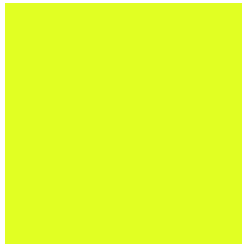
24, 106.911, 306.793



4, 44.434, 304.382

Previews

White Background



This preview shows how the CIELCh color 95, 94.240, 110.668 looks on a white background.

Color Contrast Check

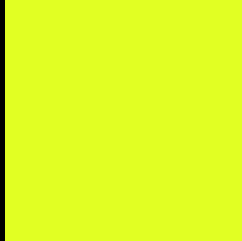
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 95, 94.240, 110.668 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 95, 94.240, 110.668

Background



This preview shows how black text looks on a background with the CIELCh color 95, 94.240, 110.668.



This preview shows how white text looks on a background with the CIELCh color 95, 94.240, 110.668.

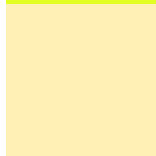
Color Blindness Simulation

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](#).

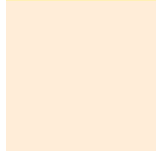
Dichromacy



Original Color
95, 94.240, 110.668



Protanopia
95, 30.616, 96.808



Deuteranopia
95, 12.660, 77.489

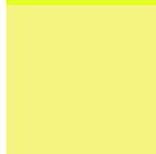


Tritanopia
95, 9.610, 305.448

Trichromacy



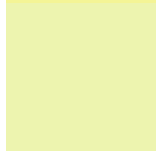
Original Color
95, 94.240, 110.668



Protanomaly
94, 57.969, 106.005

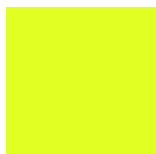


Deuteranomaly
94, 47.195, 106.446

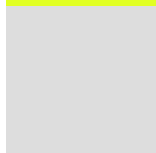


Tritanomaly
94, 35.076, 111.845

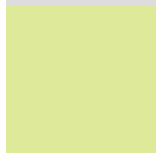
Monochromacy



Original Color
95, 94.240, 110.668



Achromatopsia
88, 0.010, 296.813



Achromatomaly
90, 40.948, 112.940

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 94.240, 110.668 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(225, 255, 35)` looks like.

```
.text, #text, p{  
    color:rgb(225, 255, 35)  
}
```

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(225, 255, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 255, 35) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 94.240, 110.668 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(225, 255, 35) }
```

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

```
.border{ border-color:rgb(225, 255, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 255, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 255, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 255, 35);  
box-shadow:4px 4px 4px 4px rgb(225, 255,  
35) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 94.240, 110.668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 255, 35) }
```

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

```
.background{ background-color: rgb(225,  
255, 35) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor