

Converting Colors

CIELCh(94, 84.154, 117.004)

Have a look what the booklet for
CIELCh(94, 84.154, 117.004)
contains.

CIELCh(94, 84.213, 116.958)	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(94, 84.213, 116.958)

Conversions

Conversions Part 1

Format	Color
Hex	D0FF4F
RGB	208, 255, 79
RGB Percent	82%, 100%, 31%
CMY	0.1854, 0.0011, 0.6913
CMYK	0.18, 0.00, 0.69, 0.00
HSL	76°, 100%, 65%
HSV	76°, 69%, 100%
XYZ	63.0045, 85.2715, 20.4806
YIQ	220.8830, 28.4840, -64.7000

Conversions

Conversions Part 2

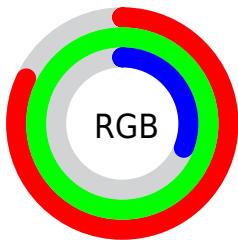
Format	Color
R_YB	79, 255, 126
Decimal	13696847
CIE Lab	94.00, -38.18, 75.06
CIE LCh	94, 84.213, 116.958
Yxy	85.2715, 0.3733, 0.5053
Android (android.graphics.Color)	4291886927 (0xFFD0FF4F)
YUV	220.8830, -69.9483, -11.2984
Hunter-Lab	92.3426, -39.8107, 51.4899

Details

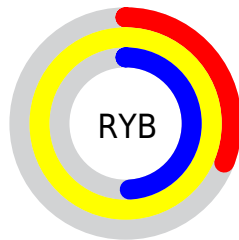
The CIELCh color **94, 84.213, 116.958** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **48, 100.600, 306.645**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 58.151, 105.727**, and **74, 83.236, 117.303** is the 20% darker color. If you saturate the color by 10%, you get **93, 92.322, 117.030**, and if you desaturate by 10%, it is **95, 74.205, 117.189**.

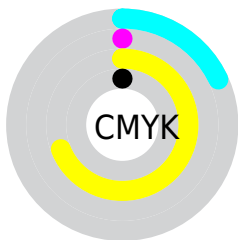
Distribution



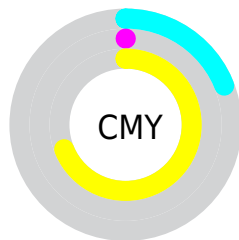
- Red (82%)
- Green (100%)
- Blue (31%)



- Red (31%)
- Yellow (100%)
- Blue (49%)



- Cyan (18%)
- Magenta (0%)
- Yellow (69%)
- Black (0%)




- Cyan (19%)
- Magenta (0%)
- Yellow (69%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 84.213, 116.958 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, 84.213, 116.958 by changing the saturation by 10% instead.

 94, 84.213,
116.958

 94, 84.213,
116.958


 100, 84.213,
116.958

 84, 84.213,
116.958


 74, 84.213,
116.958

 64, 84.213,
116.958

 54, 84.213,
116.958

 44, 84.213,
116.958

 34, 84.213,
116.958

 24, 84.213,

116.958

■ 14, 84.213,
116.958

■ 4, 84.213, 116.958

■ 94, 84.213,
116.958

■ 94, 84.213,
116.958

■ 93, 92.322,
117.030

■ 95, 74.205,
117.189

■ 93, 97.965,
117.508

■ 95, 62.887,
117.616

■ 93, 101.069,
118.426

■ 96, 50.729,
118.159

■ 93, 101.296,
118.516

■ 97, 38.056,
118.761

■ 98, 25.088,
119.387

■ 99, 11.970,
120.012

100, 0.179,
322.718

Harmonies

Complementary

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



94, 84.213, 116.958



48, 100.600, 306.645

Rectangle

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



94, 84.213, 116.958



94, 84.213, 166.958



94, 84.213, 296.958



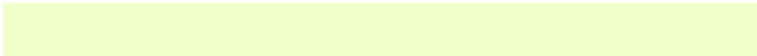
94, 84.213, 346.958

Sweetspot

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



94, 84.214, 116.960



98, 27.595, 119.267



67, 66.220, 46.178



52, 18.657, 119.094



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, 84.214, 116.960



93, 94.920, 117.163



90, 96.470, 133.962



53, 7.487, 119.986



72, 81.545, 118.282



24, 36.685, 117.009

Inverse Universe

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



48, 100.600, 306.645



41, 118.446, 307.673



59, 98.965, 320.309



49, 7.636, 301.162



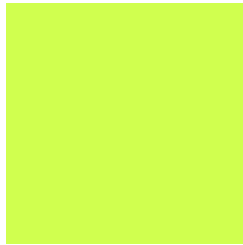
25, 105.188, 307.904



4, 44.691, 306.956

Previews

White Background



This preview shows how the CIELCh color 94, 84.213, 116.958 looks on a white background.

Color Contrast Check

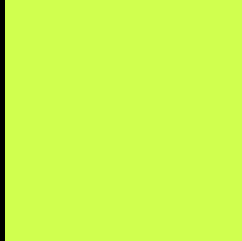
Large Text (above 18pt) WCAG AA × Fail

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, 84.213, 116.958 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, 84.213, 116.958

Background



This preview shows how black text looks on a background with the CIELCh color 94, 84.213, 116.958.

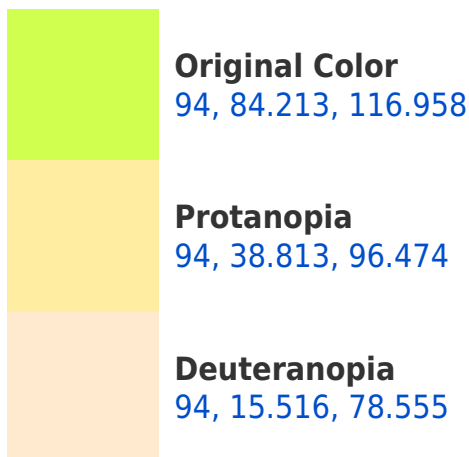


This preview shows how white text looks on a background with the CIELCh color 94, 84.213, 116.958.

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](#).

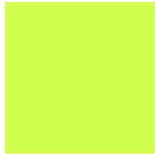
Dichromacy



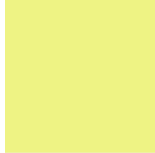


Tritanopia
94, 9.327, 269.515

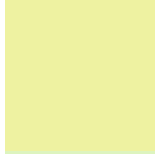
Trichromacy



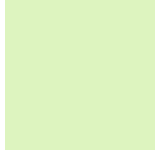
Original Color
94, 84.213, 116.958



Protanomaly
93, 55.299, 107.884



Deuteranomaly
94, 40.969, 109.125

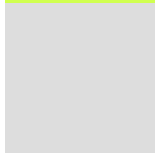


Tritanomaly
93, 28.413, 125.672

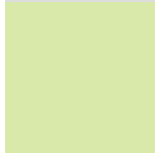
Monochromacy



Original Color
94, 84.213, 116.958



Achromatopsia
88, 0.010, 296.813



Achromatomaly
90, 33.445, 118.811

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 84.213, 116.958 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(208, 255, 79)` looks like.

```
.text, #text, p{  
    color:rgb(208, 255, 79)  
}
```

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(208, 255, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 255, 79) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 84.213, 116.958 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(208, 255, 79) }
```

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

```
.border{ border-color:rgb(208, 255, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 255, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 255, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 255, 79);  
box-shadow:4px 4px 4px 4px rgb(208, 255,  
79) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 84.213, 116.958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 255, 79) }
```

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

```
.background{ background-color: rgb(208,  
255, 79) }
```

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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