

Converting Colors

CIELCh(92, 97.098, 114.478)

Have a look what the booklet for
CIELCh(92, 97.098, 114.478)
contains.

CIELCh(92, 97.244, 114.579)	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(92, 97.244, 114.579)

Conversions

Conversions Part 1

Format	Color
Hex	CAFA08
RGB	202, 250, 8
RGB Percent	79%, 98%, 3%
CMY	0.2091, 0.0208, 0.9695
CMYK	0.19, 0.00, 0.97, 0.02
HSL	72°, 96%, 50%
HSV	72°, 97%, 98%
XYZ	58.3991, 80.7044, 12.7217
YIQ	208.0600, 49.0740, -85.4380

Conversions

Conversions Part 2

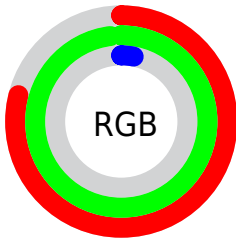
Format	Color
RYB	8, 250, 56
Decimal	13302280
CIELab	92.00, -40.45, 88.43
CIELCh	92, 97.244, 114.579
Yxy	80.7044, 0.3846, 0.5316
Android (android.graphics.Color)	4291492360 (0xFFCAFA08)
YUV	208.0600, -98.6296, -5.3146
Hunter-Lab	89.8356, -41.1756, 54.4889

Details

The CIELCh color **92, 97.244, 114.579** is a light color, and the websafe version is hex **CCFF00**. The color can be described as light saturated yellow. A complement of this color would be **34, 128.427, 307.105**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 76.002, 104.374**, and **72, 82.038, 118.145** is the 20% darker color. If you saturate the color by 10%, you get **92, 97.932, 114.826**, and if you desaturate by 10%, it is **92, 93.988, 113.948**.

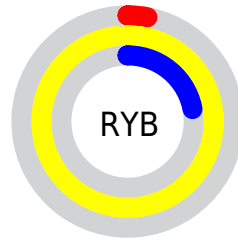
Distribution



Red (79%)

Green (98%)

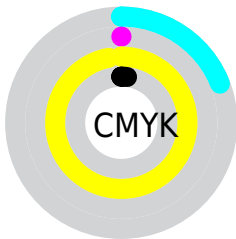
Blue (3%)



Red (3%)

Yellow (98%)

Blue (22%)

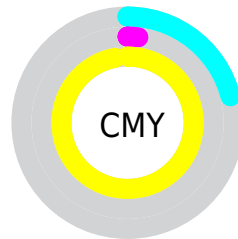


Cyan (19%)

Magenta (0%)

Yellow (97%)

Black (2%)



Cyan (21%)


Magenta (2%)


Yellow (97%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 97.244, 114.579 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 92, 97.244, 114.579 by changing the saturation by 10% instead.


 92, 97.244,
114.579


 92, 97.244,
114.579


 100, 97.244,
114.579


 82, 97.244,
114.579

 72, 97.244,
114.579

 62, 97.244,
114.579


 52, 97.244,
114.579

 42, 97.244,
114.579


 32, 97.244,
114.579


 22, 97.244,


114.579


 12, 97.244,
114.579

 2, 97.244, 114.579


 92, 97.244,
114.579


 92, 97.244,
114.579

 92, 97.932,
114.826

 92, 93.988,
113.948

 93, 88.092,
113.724

 93, 79.851,
113.846

 94, 69.854,
114.219

■ 94, 58.667,
114.756

■ 95, 46.723,
115.389

■ 96, 34.317,
116.072

■ 97, 21.647,
116.773

■ 98, 8.840, 117.469

Harmonies

Complementary

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



92, 97.244, 114.579



34, 128.427, 307.105

Rectangle

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



92, 97.244, 114.579



92, 97.244, 164.579



92, 97.244, 294.579



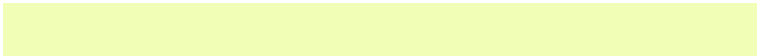
92, 97.244, 344.579

Sweetspot

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



92, 97.244, 114.581



97, 37.601, 115.924



55, 96.770, 42.549



52, 25.720, 115.631



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



92, 97.244, 114.581



94, 99.511, 114.839



87, 112.377, 132.827



52, 7.302, 117.288



71, 79.284, 114.639



24, 34.988, 113.726

Inverse Universe

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



34, 128.427, 307.105



34, 132.078, 307.118



47, 117.393, 316.878



48, 7.456, 298.621



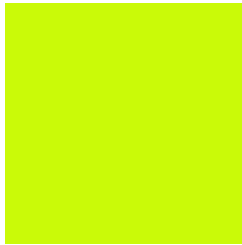
24, 105.138, 307.236



4, 42.560, 304.915

Previews

White Background



This preview shows how the CIE LCh color 92, 97.244, 114.579 looks on a white background.

Color Contrast Check

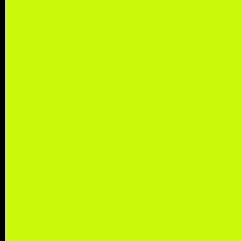
Large Text (above 18pt) WCAG AA × Fail

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 92, 97.244, 114.579 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 92, 97.244, 114.579

Background



This preview shows how black text looks on a background with the CIELCh color 92, 97.244, 114.579.



This preview shows how white text looks on a background with the CIELCh color 92, 97.244, 114.579.

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
92, 97.313, 114.566

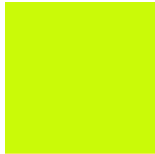
Protanopia
92, 59.213, 96.082

Deuteranopia
92, 21.994, 79.181



Tritanopia
92, 9.851, 270.718

Trichromacy



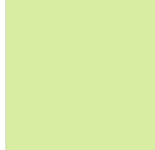
Original Color
92, 97.313, 114.566



Protanomaly
91, 76.640, 104.650



Deuteranomaly
91, 55.490, 105.237

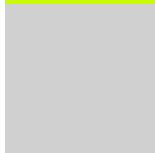


Tritanomaly
91, 39.695, 120.042

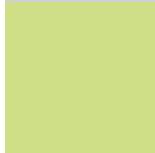
Monochromacy



Original Color
92, 97.313, 114.566



Achromatopsia
83, 0.010, 296.813



Achromatomaly
86, 45.465, 115.006

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 97.244, 114.579 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(202, 250, 8)` looks like.

```
.text, #text, p{  
    color:rgb(202, 250, 8)  
}
```

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(202, 250, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 250, 8) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 97.244, 114.579 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(202, 250, 8) }
```

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

```
.border{ border-color:rgb(202, 250, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 250, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 250, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 250, 8);  
box-shadow:4px 4px 4px 4px rgb(202, 250,  
8) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 97.244, 114.579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 250, 8) }
```

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

```
.background{ background-color: rgb(202,  
250, 8) }
```

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