

Converting Colors

CIELCh(93, 99.393, 114.921)

Have a look what the booklet for
CIELCh(93, 99.393, 114.921)
contains.

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Color

CIELCh(93, 98.991, 115.006)

Conversions

Conversions Part 1

Format	Color
Hex	CAFD01
RGB	202, 253, 1
RGB Percent	79%, 99%, 0%
CMY	0.2070, 0.0070, 0.9966
CMYK	0.20, 0.00, 1.00, 0.01
HSL	72°, 99%, 50%
HSV	72°, 100%, 99%
XYZ	59.6084, 82.9670, 12.8961
YIQ	209.0230, 50.4960, -89.1840

Conversions

Conversions Part 2

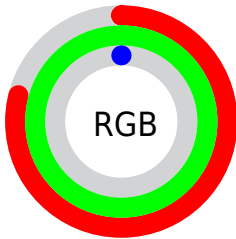
Format	Color
RYB	1, 253, 52
Decimal	13303041
CIELab	93.00, -41.84, 89.71
CIELCh	93, 98.991, 115.006
Yxy	82.9670, 0.3834, 0.5336
Android (android.graphics.Color)	4291493121 (0xFFCAFD01)
YUV	209.0230, -102.5553, -6.1592
Hunter-Lab	91.0862, -42.5875, 55.3660

Details

The CIELCh color **93, 98.991, 115.006** 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, 131.145, 307.145**, 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 **73, 83.265, 118.729** is the 20% darker color. If you saturate the color by 10%, you get **93, 99.066, 115.035**, and if you desaturate by 10%, it is **93, 96.266, 114.273**.

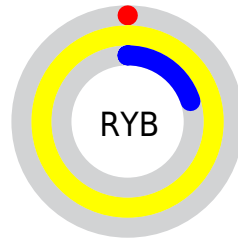
Distribution



Red (79%)

Green (99%)

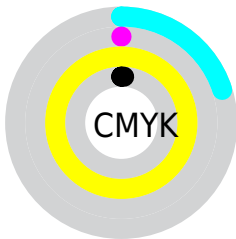
Blue (0%)



Red (0%)

Yellow (99%)

Blue (20%)

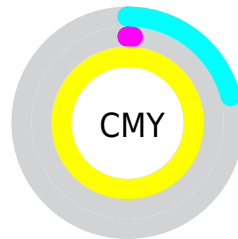


Cyan (20%)

Magenta (0%)

Yellow (100%)

Black (1%)



Cyan (21%)

Magenta (1%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 98.991, 115.006 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 93, 98.991, 115.006 by changing the saturation by 10% instead.

■ 93, 98.991,
115.006

■ 93, 98.991,
115.006

■ 100, 98.991,
115.006

■ 83, 98.991,
115.006

■ 73, 98.991,
115.006

■ 63, 98.991,
115.006


■ 53, 98.991,
115.006

■ 43, 98.991,
115.006

■ 33, 98.991,
115.006

■ 23, 98.991,


115.006


 13, 98.991,
115.006


 3, 98.991, 115.006


 93, 98.991,
115.006


 93, 98.991,
115.006

 93, 99.066,
115.035

 93, 96.266,
114.273

 94, 91.041,
113.926

 94, 83.311,
113.952

 95, 73.629,
114.258

■ 95, 62.595,
114.752

■ 96, 50.686,
115.361

■ 97, 38.239,
116.030

■ 98, 25.477,
116.724

■ 98, 12.547,
117.419

Harmonies

Complementary

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



93, 98.991, 115.006



34, 131.145, 307.145

Rectangle

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



93, 98.991, 115.006



93, 98.991, 165.006



93, 98.991, 295.006



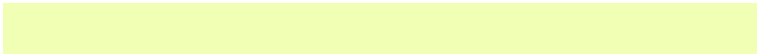
93, 98.991, 345.006

Sweetspot

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



93, 98.991, 115.008



97, 38.889, 116.006



55, 99.097, 43.037



52, 26.446, 115.719



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



93, 98.991, 115.008



94, 99.599, 115.039



88, 114.997, 133.369



53, 7.426, 117.430



72, 80.153, 114.847



25, 36.194, 113.825

Inverse Universe

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



34, 131.145, 307.145



34, 132.022, 307.146



48, 119.137, 317.203



49, 7.583, 298.756



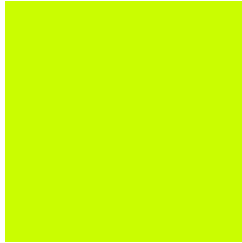
24, 106.157, 307.260



4, 44.562, 305.589

Previews

White Background



This preview shows how the CIELCh color 93, 98.991, 115.006 looks on a white background.

Color Contrast Check

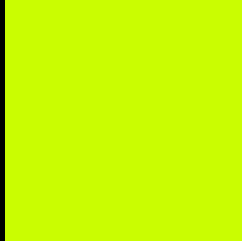
Large Text (above 18pt) WCAG AA × Fail

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 93, 98.991, 115.006 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 93, 98.991, 115.006

Background



This preview shows how black text looks on a background with the CIELCh color 93, 98.991, 115.006.

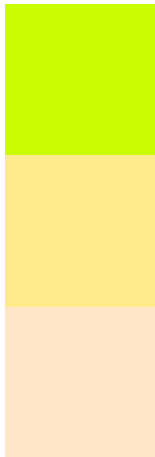


This preview shows how white text looks on a background with the CIELCh color 93, 98.991, 115.006.

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](#).

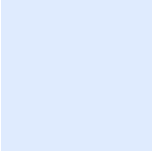
Dichromacy



Original Color
93, 98.923, 115.019

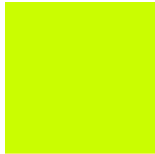
Protanopia
93, 48.697, 96.655

Deuteranopia
93, 18.619, 78.130

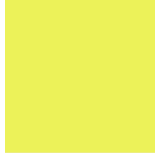


Tritanopia
93, 10.535, 268.294

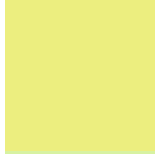
Trichromacy



Original Color
93, 98.923, 115.019



Protanomaly
93, 73.371, 106.299

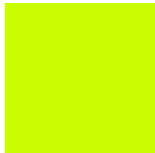


Deuteranomaly
92, 55.408, 106.551

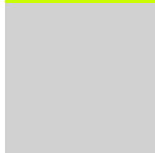


Tritanomaly
92, 41.892, 121.374

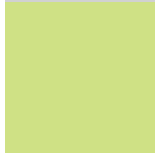
Monochromacy



Original Color
93, 98.923, 115.019



Achromatopsia
84, 0.010, 296.813



Achromatomaly
86, 47.391, 115.019

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 98.991, 115.006 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, 253, 1)` looks like.

```
.text, #text, p{  
    color:rgb(202, 253, 1)  
}
```

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, 253, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 253, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 98.991, 115.006 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, 253, 1) }
```

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

```
.border{ border-color:rgb(202, 253, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 253, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 253, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 253, 1);  
box-shadow:4px 4px 4px 4px rgb(202, 253,  
1) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 98.991, 115.006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 253, 1) }
```

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

```
.background{ background-color: rgb(202,  
253, 1) }
```

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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