

Converting Colors

CIELCh(93, 93.535, 118.143)

Have a look what the booklet for
CIELCh(93, 93.535, 118.143)
contains.

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Color

CIELCh(93, 93.425, 118.085)

Conversions

Conversions Part 1

Format	Color
Hex	C3FE32
RGB	195, 254, 50
RGB Percent	76%, 100%, 20%
CMY	0.2340, 0.0026, 0.8022
CMYK	0.23, 0.00, 0.80, 0.00
HSL	77°, 99%, 60%
HSV	77°, 80%, 100%
XYZ	58.7195, 82.9670, 15.9850
YIQ	213.1030, 30.3200, -75.9520

Conversions

Conversions Part 2

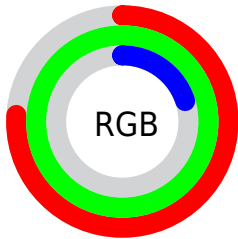
Format	Color
RYB	50, 254, 109
Decimal	12844594
CIELab	93.00, -43.98, 82.42
CIELCh	93, 93.425, 118.085
Yxy	82.9670, 0.3724, 0.5262
Android (android.graphics.Color)	4291034674 (0xFFC3FE32)
YUV	213.1030, -80.4098, -15.8763
Hunter-Lab	91.0862, -44.3293, 53.3554

Details

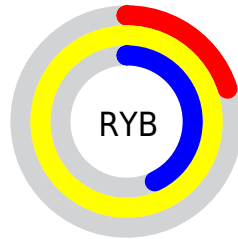
The CIELCh color **93, 93.425, 118.085** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **42, 114.718, 307.921**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 67.886, 104.985**, and **73, 84.451, 120.406** is the 20% darker color. If you saturate the color by 10%, you get **93, 98.870, 118.656**, and if you desaturate by 10%, it is **94, 85.483, 117.945**.

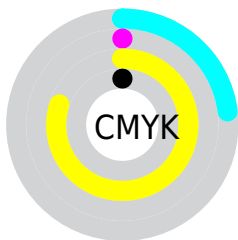
Distribution



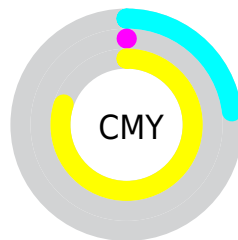
- Red (76%)
- Green (100%)
- Blue (20%)



- Red (20%)
- Yellow (100%)
- Blue (43%)



- Cyan (23%)
- Magenta (0%)
- Yellow (80%)
- Black (0%)





- Cyan (23%)
- Magenta (0%)
- Yellow (80%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 93.425, 118.085 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, 93.425, 118.085 by changing the saturation by 10% instead.


 93, 93.425,
118.085


 93, 93.425,
118.085


 100, 93.425,
118.085


 83, 93.425,
118.085

 73, 93.425,
118.085

 63, 93.425,
118.085

 53, 93.425,
118.085

 43, 93.425,
118.085

 33, 93.425,
118.085

 23, 93.425,

118.085

■ 13, 93.425,
118.085

■ 3, 93.425, 118.085

■ 93, 93.425,
118.085

■ 93, 93.425,
118.085

■ 93, 98.870,
118.656

■ 94, 85.483,
117.945

■ 92, 101.855,
119.637

■ 94, 75.586,
118.122

■ 95, 64.331,
118.510

■ 96, 52.198,
119.023

■ 97, 39.527,
119.602

■ 98, 26.546,
120.205

■ 99, 13.407,
120.809

■ 100, 0.213,
121.641

■ 100, 0.428,
323.734

Harmonies

Complementary

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



93, 93.425, 118.085



42, 114.718, 307.921

Rectangle

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



93, 93.425, 118.085



93, 93.425, 168.085



93, 93.425, 298.085



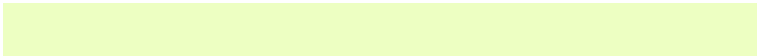
93, 93.425, 348.085

Sweetspot

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



93, 93.425, 118.087



97, 31.611, 119.973



63, 78.189, 47.517



52, 21.680, 119.757



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, 93.425, 118.087



92, 101.020, 119.211



89, 107.187, 134.039



53, 7.511, 120.849



71, 82.080, 119.393



24, 36.878, 118.051

Inverse Universe

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



42, 114.718, 307.921



36, 128.401, 308.121



55, 109.013, 320.781



49, 7.657, 301.978



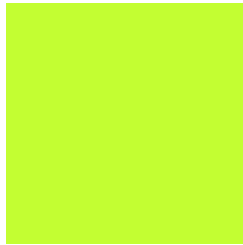
26, 104.811, 308.169



5, 44.734, 307.460

Previews

White Background



This preview shows how the CIELCh color 93, 93.425, 118.085 looks on a white background.

Color Contrast Check

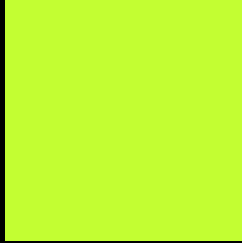
Large Text (above 18pt) WCAG AA × Fail

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 93, 93.425, 118.085 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, 93.425, 118.085

Background



This preview shows how black text looks on a background with the CIELCh color 93, 93.425, 118.085.

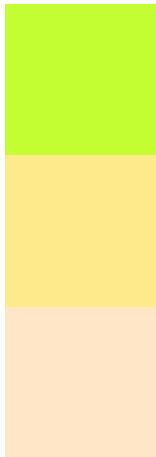


This preview shows how white text looks on a background with the CIELCh color 93, 93.425, 118.085.

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, 93.425, 118.085

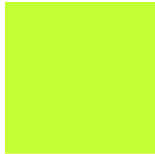
Protanopia
93, 48.805, 96.160

Deuteranopia
93, 18.619, 78.130

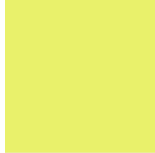


Tritanopia
93, 11.137, 255.953

Trichromacy



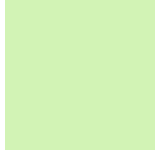
Original Color
93, 93.425, 118.085



Protanomaly
92, 65.677, 107.811

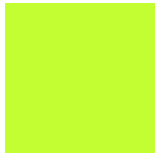


Deuteranomaly
92, 47.406, 109.272

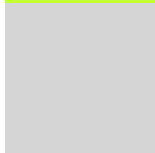


Tritanomaly
92, 34.038, 129.020

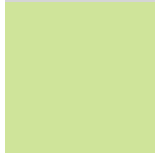
Monochromacy



Original Color
93, 93.425, 118.085



Achromatopsia
85, 0.010, 296.813



Achromatomaly
88, 38.825, 119.251

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 93.425, 118.085 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(195, 254, 50)` looks like.

```
.text, #text, p{  
    color:rgb(195, 254, 50)  
}
```

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(195, 254, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 254, 50) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 93.425, 118.085 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(195, 254, 50) }
```

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

```
.border{ border-color:rgb(195, 254, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 254, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 254, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 254, 50);  
box-shadow:4px 4px 4px 4px rgb(195, 254,  
50) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 93.425, 118.085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 254, 50) }
```

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

```
.background{ background-color: rgb(195,  
254, 50) }
```

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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