

Converting Colors

CIELCh(93, 60.652, 126.935)

Have a look what the booklet for
CIELCh(93, 60.652, 126.935)
contains.

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Color

CIElCh(93, 60.890, 126.938)

Conversions

Conversions Part 1

Format	Color
Hex	C3FC8A
RGB	195, 252, 138
RGB Percent	76%, 99%, 54%
CMY	0.2357, 0.0122, 0.4592
CMYK	0.23, 0.00, 0.45, 0.01
HSL	90°, 95%, 76%
HSV	90°, 45%, 99%
XYZ	61.8303, 82.9670, 36.7598
YIQ	221.9610, 2.6220, -47.5380

Conversions

Conversions Part 2

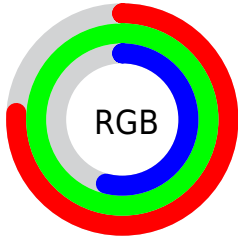
Format	Color
RYB	138, 252, 195
Decimal	12844170
CIELab	93.00, -36.59, 48.67
CIELCh	93, 60.890, 126.938
Yxy	82.9670, 0.3406, 0.4570
Android (android.graphics.Color)	4291034250 (0xFFC3FC8A)
YUV	221.9610, -41.3928, -23.6448
Hunter-Lab	91.0862, -38.2333, 39.8326

Details

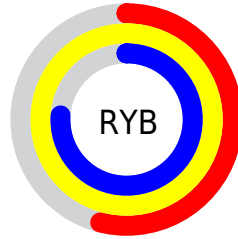
The CIELCh color **93, 60.890, 126.938** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **67, 65.109, 311.383**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 31.234, 109.197**, and **73, 60.898, 126.863** is the 20% darker color. If you saturate the color by 10%, you get **92, 73.288, 126.554**, and if you desaturate by 10%, it is **94, 47.836, 127.404**.

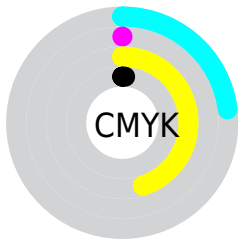
Distribution



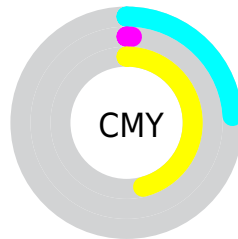
- Red (76%)
- Green (99%)
- Blue (54%)



- Red (54%)
- Yellow (99%)
- Blue (76%)



- Cyan (23%)
- Magenta (0%)
- Yellow (45%)
- Black (1%)



- Cyan (24%)
- Magenta (1%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 60.890, 126.938 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, 60.890, 126.938 by changing the saturation by 10% instead.

■ 93, 60.890,
126.938

■ 93, 60.890,
126.938

■ 100, 60.890,
126.938

■ 83, 60.890,
126.938

■ 73, 60.890,
126.938

■ 63, 60.890,
126.938


■ 53, 60.890,
126.938

■ 43, 60.890,
126.938


■ 33, 60.890,
126.938


■ 23, 60.890,


126.938

 13, 60.890,
126.938


 3, 60.890, 126.938


 93, 60.890,
126.938


 93, 60.890,
126.938

 92, 73.288,
126.554


 94, 47.836,
127.404

 91, 84.619,
126.329

 95, 34.407,
127.895

 90, 94.342,
126.377

 97, 20.799,
128.383

 90, 101.860,
126.831

 98, 7.147, 128.859

 99, 1.939, 324.350

■ 89,106.778,
127.788

■ 89,108.415,
128.359

Harmonies

Complementary

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



93, 60.890, 126.938



67, 65.109, 311.383

Rectangle

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



93, 60.890, 126.938



93, 60.890, 176.938



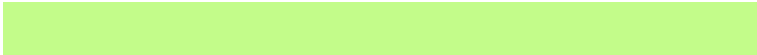
93, 60.890, 306.938



93, 60.890, 356.938

Sweetspot

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



93, 60.892, 126.939



98, 19.276, 128.443



83, 38.832, 69.704



52, 13.310, 128.340



0, 0.000, 0.000



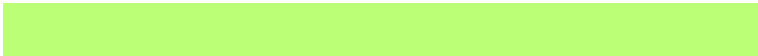
53, 0.007, 296.813

Same Dimension

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



93, 60.892, 126.939



93, 72.494, 126.594



90, 70.569, 140.817



52, 7.693, 128.658



69, 87.014, 128.070



22, 37.819, 126.648

Inverse Universe

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



67, 65.109, 311.383



62, 78.660, 311.839



73, 70.306, 326.845



48, 7.800, 309.488



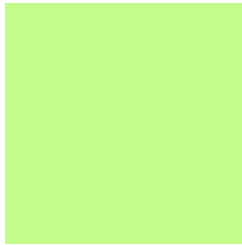
30, 99.521, 311.882



6, 43.245, 312.688

Previews

White Background



This preview shows how the CIELCh color 93, 60.890, 126.938 looks on a white background.

Color Contrast Check

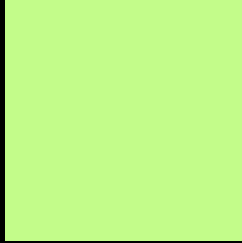
Large Text (above 18pt) WCAG AA × Fail

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, 60.890, 126.938 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, 60.890, 126.938

Background



This preview shows how black text looks on a background with the CIELCh color 93, 60.890, 126.938.

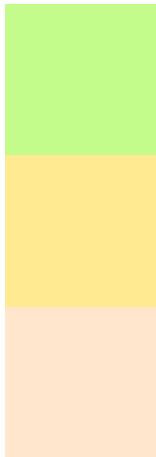


This preview shows how white text looks on a background with the CIELCh color 93, 60.890, 126.938.

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](#).

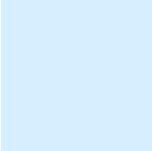
Dichromacy



Original Color
93, 60.890, 126.938

Protanopia
93, 45.458, 95.757

Deuteranopia
93, 16.415, 73.942

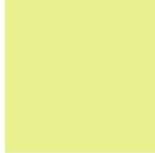


Tritanopia
93, 11.729, 247.698

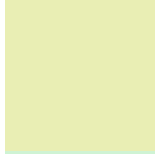
Trichromacy



Original Color
93, 60.890, 126.938



Protanomaly
93, 49.311, 109.965



Deuteranomaly
92, 29.667, 111.518

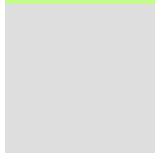


Tritanomaly
93, 20.635, 147.525

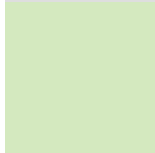
Monochromacy



Original Color
93, 60.890, 126.938



Achromatopsia
88, 0.011, 296.813



Achromatomaly
90, 23.072, 128.252

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 60.890, 126.938 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, 252, 138)` looks like.

```
.text, #text, p{  
    color:rgb(195, 252, 138)  
}
```

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, 252, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 252, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 60.890, 126.938 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, 252, 138) }
```

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

```
.border{ border-color:rgb(195, 252, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 252, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 252, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 252, 138);  
box-shadow:4px 4px 4px 4px rgb(195, 252,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 60.890, 126.938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 252, 138) }
```

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

```
.background{ background-color: rgb(195,  
252, 138) }
```

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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