

Converting Colors

CIELCh(94, 57.324, 123.302)

Have a look what the booklet for
CIELCh(94, 57.324, 123.302)
contains.

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Color

CIELCh(94, 57.393, 123.288)

Conversions

Conversions Part 1

Format	Color
Hex	D0FC8E
RGB	208, 252, 142
RGB Percent	82%, 99%, 56%
CMY	0.1829, 0.0103, 0.4418
CMYK	0.17, 0.00, 0.44, 0.01
HSL	84°, 95%, 77%
HSV	84°, 44%, 99%
XYZ	65.9438, 85.2715, 38.7068
YIQ	226.3040, 9.0860, -43.5380

Conversions

Conversions Part 2

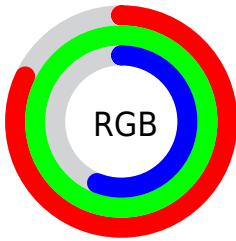
Format	Color
RYB	142, 252, 186
Decimal	13696142
CIELab	94.00, -31.50, 47.98
CIElCh	94, 57.393, 123.288
Yxy	85.2715, 0.3472, 0.4490
Android (android.graphics.Color)	4291886222 (0xFFD0FC8E)
YUV	226.3040, -41.5619, -16.0526
Hunter-Lab	92.3426, -34.1288, 39.7875

Details

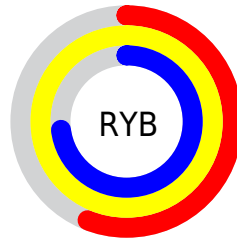
The CIELCh color **94, 57.393, 123.288** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **67, 62.184, 308.149**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 29.230, 107.956**, and **74, 57.310, 123.102** is the 20% darker color. If you saturate the color by 10%, you get **93, 69.564, 122.879**, and if you desaturate by 10%, it is **95, 44.612, 123.780**.

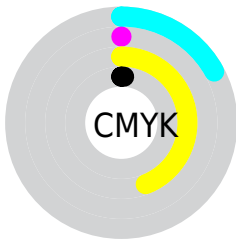
Distribution



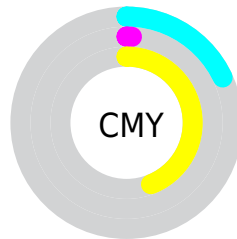
- Red (82%)
- Green (99%)
- Blue (56%)



- Red (56%)
- Yellow (99%)
- Blue (73%)



- Cyan (17%)
- Magenta (0%)
- Yellow (44%)
- Black (1%)



- Cyan (18%)
- Magenta (1%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 57.393, 123.288 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, 57.393, 123.288 by changing the saturation by 10% instead.

■ 94, 57.393,
123.288

■ 94, 57.393,
123.288

■ 100, 57.393,
123.288

■ 84, 57.393,
123.288

■ 74, 57.393,
123.288

■ 64, 57.393,
123.288

■ 54, 57.393,
123.288

■ 44, 57.393,
123.288

■ 34, 57.393,
123.288

■ 24, 57.393,


123.288


 14, 57.393,
123.288


 4, 57.393, 123.288


 94, 57.393,
123.288


 94, 57.393,
123.288


 93, 69.564,
122.879


 95, 44.612,
123.780

 92, 80.738,
122.622

 96, 31.476,
124.302

 92, 90.399,
122.623

 97, 18.164,
124.826

 91, 97.946,
123.008

 99, 4.795, 125.346

 99, 1.644, 324.311

■ 90, 102.937,
123.883

■ 90, 104.989,
124.658

Harmonies

Complementary

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



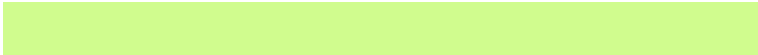
94, 57.393, 123.288



67, 62.184, 308.149

Rectangle

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



94, 57.393, 123.288



94, 57.393, 173.288



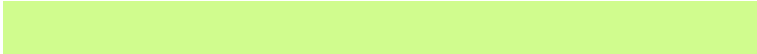
94, 57.393, 303.288



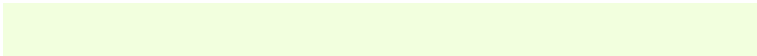
94, 57.393, 353.288

Sweetspot

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



94, 57.395, 123.290



98, 17.511, 124.857



80, 36.685, 57.828



52, 12.253, 124.742



0, 0.000, 0.000



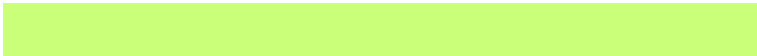
53, 0.007, 296.813

Same Dimension

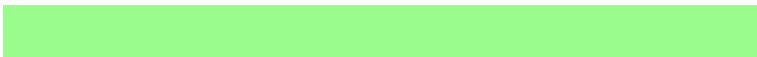
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 57.395, 123.290



94, 68.243, 122.936



91, 65.919, 138.394



52, 7.531, 125.039



69, 84.184, 124.369



23, 36.731, 122.933

Inverse Universe

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



67, 62.184, 308.149



62, 75.336, 308.739



73, 66.449, 323.270



48, 7.656, 305.978



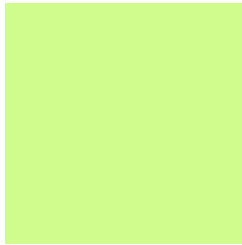
27, 101.641, 309.850



5, 43.087, 309.862

Previews

White Background



This preview shows how the CIELCh color 94, 57.393, 123.288 looks on a white background.

Color Contrast Check

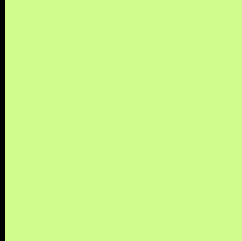
Large Text (above 18pt) WCAG AA × Fail

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, 57.393, 123.288 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, 57.393, 123.288

Background



This preview shows how black text looks on a background with the CIELCh color 94, 57.393, 123.288.

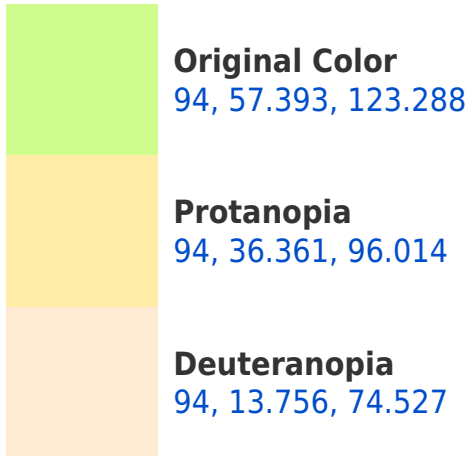


This preview shows how white text looks on a background with the CIELCh color 94, 57.393, 123.288.

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



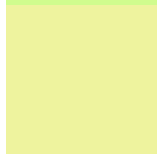


Tritanopia
94, 9.258, 262.405

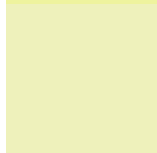
Trichromacy



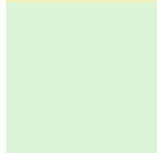
Original Color
94, 57.393, 123.288



Protanomaly
94, 42.915, 109.413



Deuteranomaly
94, 27.545, 110.377

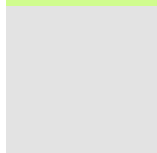


Tritanomaly
94, 17.733, 138.241

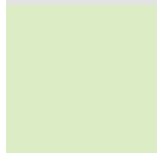
Monochromacy



Original Color
94, 57.393, 123.288



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 21.438, 124.655

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 57.393, 123.288 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, 252, 142)` looks like.

```
.text, #text, p{  
    color:rgb(208, 252, 142)  
}
```

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, 252, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 252, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 57.393, 123.288 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, 252, 142) }
```

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

```
.border{ border-color:rgb(208, 252, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 252, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 252, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 252, 142);  
box-shadow:4px 4px 4px 4px rgb(208, 252,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 57.393, 123.288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 252, 142) }
```

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

```
.background{ background-color: rgb(208,  
252, 142) }
```

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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