

Converting Colors

CIELCh(94, 59.661, 125.546)

Have a look what the booklet for
CIELCh(94, 59.661, 125.546)
contains.

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Color

CIELCh(94, 59.688, 125.525)

Conversions

Conversions Part 1

Format	Color
Hex	CAFE8D
RGB	202, 254, 141
RGB Percent	79%, 100%, 55%
CMY	0.2083, 0.0043, 0.4475
CMYK	0.20, 0.00, 0.45, 0.00
HSL	88°, 98%, 77%
HSV	88°, 45%, 100%
XYZ	64.5318, 85.2715, 38.2157
YIQ	225.5700, 5.2810, -46.1670

Conversions

Conversions Part 2

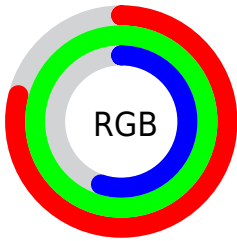
Format	Color
RYB	141, 254, 193
Decimal	13303437
CIELab	94.00, -34.68, 48.58
CIELCh	94, 59.688, 125.525
Yxy	85.2715, 0.3432, 0.4535
Android (android.graphics.Color)	4291493517 (0xFFCAFE8D)
YUV	225.5700, -41.6930, -20.6709
Hunter-Lab	92.3426, -36.8583, 40.1028

Details

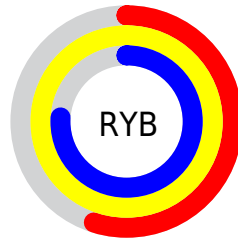
The CIELCh color **94, 59.688, 125.525** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **68, 64.170, 310.094**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 29.728, 107.918**, and **74, 59.665, 125.418** is the 20% darker color. If you saturate the color by 10%, you get **93, 72.071, 125.137**, and if you desaturate by 10%, it is **95, 46.669, 125.996**.

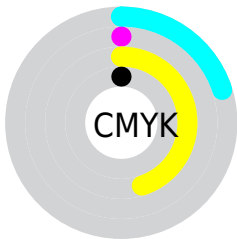
Distribution



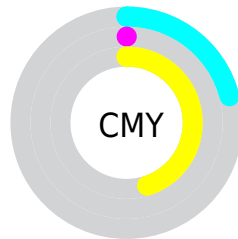
- Red (79%)
- Green (100%)
- Blue (55%)



- Red (55%)
- Yellow (100%)
- Blue (76%)



- Cyan (20%)
- Magenta (0%)
- Yellow (45%)
- Black (0%)





- Cyan (21%)
- Magenta (0%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 59.688, 125.525 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, 59.688, 125.525 by changing the saturation by 10% instead.


 94, 59.688,
125.525


 94, 59.688,
125.525


 100, 59.688,
125.525


 84, 59.688,
125.525

 74, 59.688,
125.525

 64, 59.688,
125.525

 54, 59.688,
125.525

 44, 59.688,
125.525

 34, 59.688,
125.525

 24, 59.688,

125.525

■ 14, 59.688,
125.525

■ 4, 59.688, 125.525

■ 94, 59.688,
125.525

■ 94, 59.688,
125.525

■ 93, 72.071,
125.137

■ 95, 46.669,
125.996

■ 92, 83.415,
124.905

■ 96, 33.283,
126.495

■ 91, 93.187,
124.941

■ 98, 19.720,
126.993

■ 91, 100.785,
125.377

■ 99, 6.110, 127.483

100, 0.698,

■ 90, 105.791,
126.314

324.023

■ 90, 107.646,
126.990

Harmonies

Complementary

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



94, 59.688, 125.525



68, 64.170, 310.094

Rectangle

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



94, 59.688, 125.525



94, 59.688, 175.525



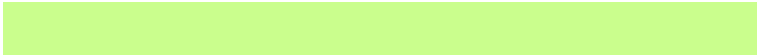
94, 59.688, 305.525



94, 59.688, 355.525

Sweetspot

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



94, 59.690, 125.526



98, 17.735, 127.067



82, 37.891, 64.690



52, 12.411, 126.959



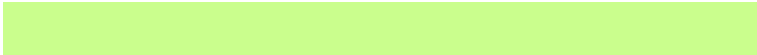
0, 0.000, 0.000



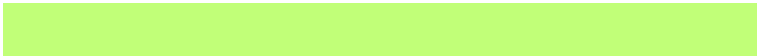
53, 0.007, 296.813

Same Dimension

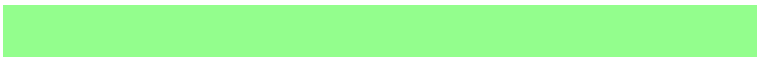
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 59.690, 125.526



94, 70.510, 125.187



91, 68.906, 139.837



53, 7.752, 127.238



70, 86.763, 126.707



24, 38.649, 125.136

Inverse Universe

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



68, 64.170, 310.094



62, 77.035, 310.593



74, 68.971, 325.322



49, 7.869, 308.106



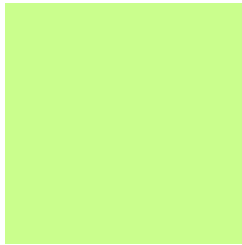
29, 101.394, 311.004



6, 44.922, 311.792

Previews

White Background



This preview shows how the CIELCh color 94, 59.688, 125.525 looks on a white background.

Color Contrast Check

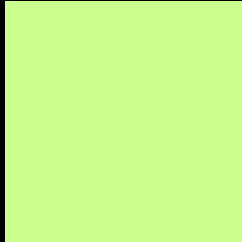
Large Text (above 18pt) WCAG AA × Fail

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, 59.688, 125.525 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, 59.688, 125.525

Background



This preview shows how black text looks on a background with the CIELCh color 94, 59.688, 125.525.

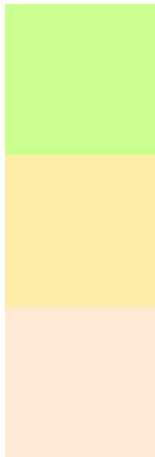


This preview shows how white text looks on a background with the CIELCh color 94, 59.688, 125.525.

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

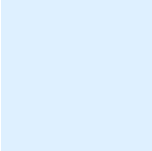
94, 59.688, 125.525

Protanopia

94, 36.852, 96.113

Deuteranopia

94, 13.756, 74.527

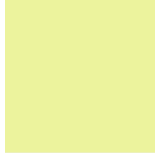


Tritanopia
94, 9.712, 252.060

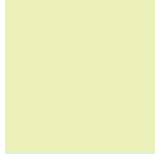
Trichromacy



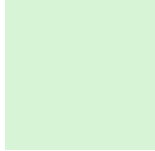
Original Color
94, 59.688, 125.525



Protanomaly
94, 43.449, 110.382

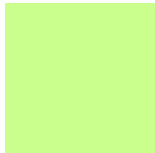


Deuteranomaly
94, 28.096, 111.847

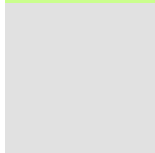


Tritanomaly
94, 19.316, 142.857

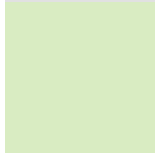
Monochromacy



Original Color
94, 59.688, 125.525



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 22.763, 126.548

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 59.688, 125.525 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, 254, 141)` looks like.

```
.text, #text, p{  
    color:rgb(202, 254, 141)  
}
```

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, 254, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 254, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 59.688, 125.525 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, 254, 141) }
```

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

```
.border{ border-color:rgb(202, 254, 141) }
```

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

Here you see how a box with a 4 pixel rgb(202, 254, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 254, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 254, 141);  
box-shadow:4px 4px 4px 4px rgb(202, 254,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 59.688, 125.525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 254, 141) }
```

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

```
.background{ background-color: rgb(202,  
254, 141) }
```

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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