

Converting Colors

CIELCh(100, 64.350, 132.060)

Have a look what the booklet for
CIELCh(100, 64.350, 132.060)
contains.

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Color

CIELCh(94, 53.140, 129.942)

Conversions

Conversions Part 1

Format	Color
Hex	C6FE9D
RGB	198, 254, 157
RGB Percent	78%, 100%, 62%
CMY	0.2237, 0.0042, 0.3843
CMYK	0.22, 0.00, 0.38, 0.00
HSL	95°, 98%, 81%
HSV	95°, 38%, 100%
XYZ	64.7813, 85.2715, 44.9436
YIQ	226.1980, -2.2390, -42.0390

Conversions

Conversions Part 2

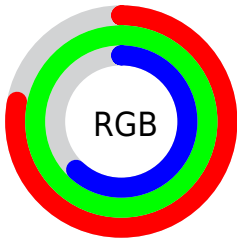
Format	Color
RYB	157, 254, 213
Decimal	13041309
CIELab	94.00, -34.12, 40.74
CIElCh	94, 53.140, 129.942
Yxy	85.2715, 0.3322, 0.4373
Android (android.graphics.Color)	4291231389 (0xFFC6FE9D)
YUV	226.1980, -34.1146, -24.7296
Hunter-Lab	92.3426, -36.3760, 35.7831

Details

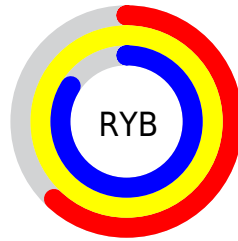
The CIELCh color **94, 53.140, 129.942** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **73, 55.576, 313.485**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 21.222, 108.570**, and **74, 53.299, 130.003** is the 20% darker color. If you saturate the color by 10%, you get **93, 66.436, 129.473**, and if you desaturate by 10%, it is **95, 39.398, 130.440**.

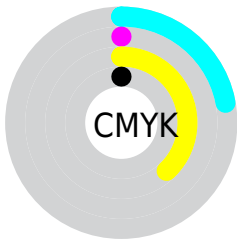
Distribution



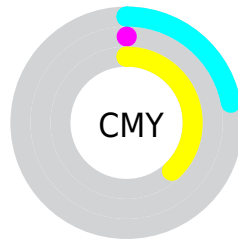
- Red (78%)
- Green (100%)
- Blue (62%)



- Red (62%)
- Yellow (100%)
- Blue (84%)



- Cyan (22%)
- Magenta (0%)
- Yellow (38%)
- Black (0%)



- Cyan (22%)
- Magenta (0%)
- Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 53.140, 129.942 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, 53.140, 129.942 by changing the saturation by 10% instead.

 94, 53.140,
129.942


 94, 53.140,
129.942

 100, 53.140,
129.942

 84, 53.140,
129.942

 74, 53.140,
129.942

 64, 53.140,
129.942

 54, 53.140,
129.942

 44, 53.140,
129.942

 34, 53.140,
129.942

 24, 53.140,

129.942

■ 14, 53.140,
129.942

■ 4, 53.140, 129.942

■ 94, 53.140,
129.942

■ 94, 53.140,
129.942

■ 93, 66.436,
129.473

■ 95, 39.398,
130.440

■ 92, 78.951,
129.088

■ 97, 25.434,
130.930

■ 91, 90.227,
128.878

■ 98, 11.411,
131.397

■ 90, 99.676,
128.968

■ 100, 0.672,
324.004

■ 90,106.710,
129.487

■ 89,111.107,
130.485

■ 89,111.757,
130.679

Harmonies

Complementary

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



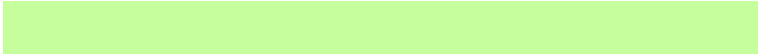
94, 53.140, 129.942



73, 55.576, 313.485

Rectangle

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



94, 53.140, 129.942



94, 53.140, 179.942



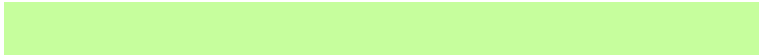
94, 53.140, 309.942



94, 53.140, 359.942

Sweetspot

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



94, 53.142, 129.943



98, 15.429, 131.267



87, 33.512, 77.206



52, 10.371, 131.204



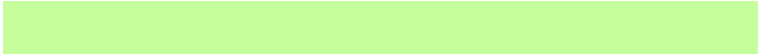
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

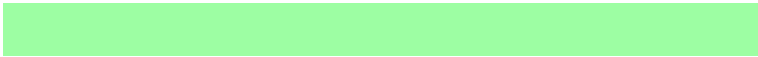
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 53.142, 129.943



93, 63.819, 129.570



92, 57.776, 143.326



52, 7.971, 131.336



69, 90.039, 130.414



23, 39.994, 128.974

Inverse Universe

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



73, 55.576, 313.485



68, 67.402, 313.850



77, 57.694, 328.461



49, 8.064, 312.123



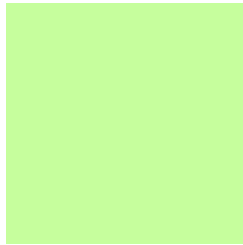
32, 98.870, 313.777



7, 44.744, 315.035

Previews

White Background



This preview shows how the CIELCh color 94, 53.140, 129.942 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, 53.140, 129.942 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, 53.140, 129.942

Background



This preview shows how black text looks on a background with the CIELCh color 94, 53.140, 129.942.

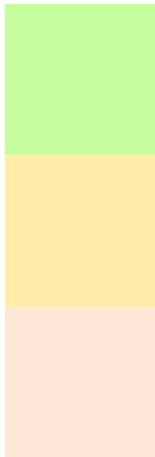


This preview shows how white text looks on a background with the CIELCh color 94, 53.140, 129.942.

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, 53.174, 129.936

Protanopia

94, 36.361, 96.014

Deuteranopia

94, 12.748, 69.422

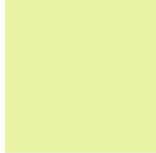


Tritanopia
94, 10.123, 249.074

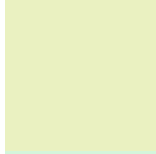
Trichromacy



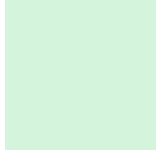
Original Color
94, 53.174, 129.936



Protanomaly
94, 40.588, 111.952

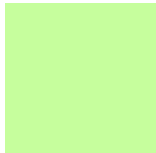


Deuteranomaly
94, 24.651, 114.389

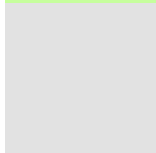


Tritanomaly
94, 17.902, 150.057

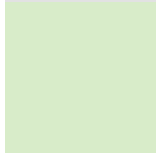
Monochromacy



Original Color
94, 53.174, 129.936



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 19.522, 130.884

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 53.140, 129.942 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(198, 254, 157)` looks like.

```
.text, #text, p{  
    color:rgb(198, 254, 157)  
}
```

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(198, 254, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 254, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 53.140, 129.942 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(198, 254, 157) }
```

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

```
.border{ border-color:rgb(198, 254, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 254, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 254, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 254, 157);  
box-shadow:4px 4px 4px 4px rgb(198, 254,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 53.140, 129.942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 254, 157) }
```

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

```
.background{ background-color: rgb(198,  
254, 157) }
```

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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