

Converting Colors

CIELCh(94, 54.494, 128.459)

Have a look what the booklet for
CIELCh(94, 54.494, 128.459)
contains.

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Color

CIELCh(94, 54.653, 128.406)

Conversions

Conversions Part 1

Format	Color
Hex	C8FE99
RGB	200, 254, 153
RGB Percent	78%, 100%, 60%
CMY	0.2166, 0.0048, 0.4009
CMYK	0.21, 0.00, 0.40, 0.00
HSL	92°, 98%, 80%
HSV	92°, 40%, 100%
XYZ	64.8540, 85.2715, 43.0817
YIQ	226.3400, 0.2370, -42.8590

Conversions

Conversions Part 2

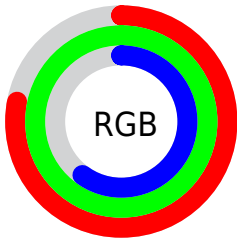
Format	Color
RYB	153, 254, 207
Decimal	13172377
CIELab	94.00, -33.95, 42.83
CIElCh	94, 54.653, 128.406
Yxy	85.2715, 0.3357, 0.4413
Android (android.graphics.Color)	4291362457 (0xFFC8FE99)
YUV	226.3400, -36.1566, -23.1002
Hunter-Lab	92.3426, -36.2355, 36.9786

Details

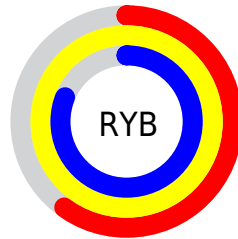
The CIELCh color **94, 54.653, 128.406** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **72, 57.630, 312.196**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 23.732, 108.378**, and **74, 54.750, 128.415** is the 20% darker color. If you saturate the color by 10%, you get **93, 67.668, 127.963**, and if you desaturate by 10%, it is **95, 41.149, 128.893**.

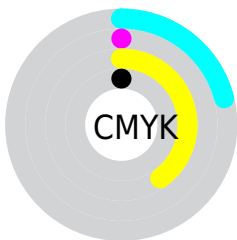
Distribution



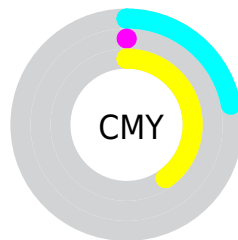
- Red (78%)
- Green (100%)
- Blue (60%)



- Red (60%)
- Yellow (100%)
- Blue (81%)



- Cyan (21%)
- Magenta (0%)
- Yellow (40%)
- Black (0%)



- Cyan (22%)
- Magenta (0%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 54.653, 128.406 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, 54.653, 128.406 by changing the saturation by 10% instead.

■ 94, 54.653,
128.406

■ 94, 54.653,
128.406

■ 100, 54.653,
128.406

■ 84, 54.653,
128.406

■ 74, 54.653,
128.406

■ 64, 54.653,
128.406

■ 54, 54.653,
128.406

■ 44, 54.653,
128.406

■ 34, 54.653,
128.406

■ 24, 54.653,

128.406

■ 14, 54.653,
128.406

■ 4, 54.653, 128.406

■ 94, 54.653,
128.406

■ 94, 54.653,
128.406

■ 93, 67.668,
127.963

■ 95, 41.149,
128.893

■ 92, 79.845,
127.626

■ 97, 27.387,
129.383

■ 91, 90.710,
127.490

■ 98, 13.534,
129.857

■ 90, 99.668,
127.685

■ 100, 0.294,
309.755

■ 90, 106.162,
128.335

100, 0.775,
324.069

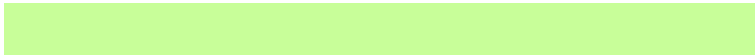
■ 89, 110.181,
129.437

■ 89, 110.253,
129.460

Harmonies

Complementary

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



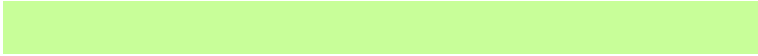
94, 54.653, 128.406



72, 57.630, 312.196

Rectangle

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



94, 54.653, 128.406



94, 54.653, 178.406



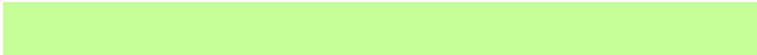
94, 54.653, 308.406



94, 54.653, 358.406

Sweetspot

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



94, 54.655, 128.407



98, 16.656, 129.754



86, 34.410, 73.748



52, 11.050, 129.693



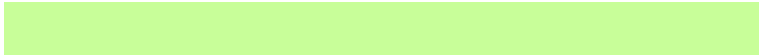
0, 0.000, 0.000



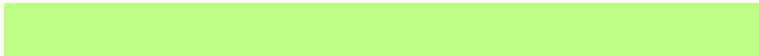
53, 0.007, 296.813

Same Dimension

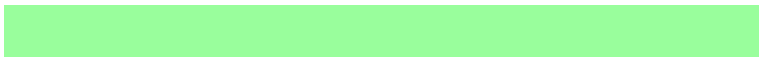
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 54.655, 128.407



93, 65.638, 128.037



92, 61.487, 142.253



52, 7.886, 129.870



69, 88.876, 129.185



23, 39.504, 127.673

Inverse Universe

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



72, 57.630, 312.196



66, 70.054, 312.607



76, 61.356, 327.541



49, 7.988, 310.678



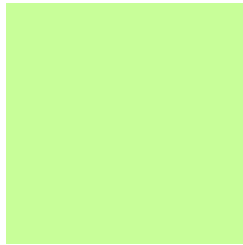
31, 99.781, 312.690



6, 44.851, 313.839

Previews

White Background



This preview shows how the CIELCh color 94, 54.653, 128.406 looks on a white background.

Color Contrast Check

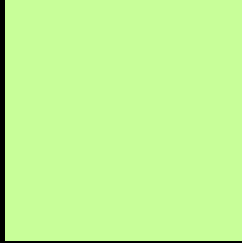
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 94, 54.653, 128.406 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

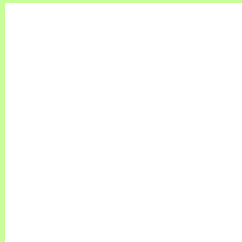
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 54.653, 128.406

Background



This preview shows how black text looks on a background with the CIELCh color 94, 54.653, 128.406.

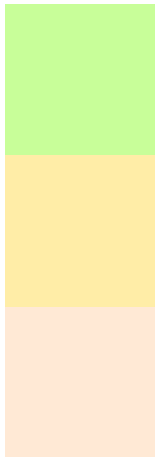


This preview shows how white text looks on a background with the CIELCh color 94, 54.653, 128.406.

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, 54.653, 128.406

Protanopia

94, 36.361, 96.014

Deuteranopia

94, 13.155, 70.781

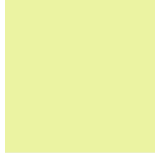


Tritanopia
94, 9.915, 250.535

Trichromacy



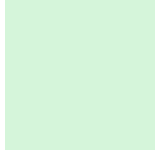
Original Color
94, 54.653, 128.406



Protanomaly
94, 41.042, 111.317



Deuteranomaly
94, 25.616, 113.245

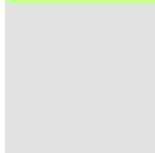


Tritanomaly
94, 18.073, 148.209

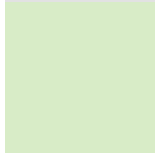
Monochromacy



Original Color
94, 54.653, 128.406



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 20.478, 129.785

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 54.653, 128.406 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(200, 254, 153)` looks like.

```
.text, #text, p{  
    color:rgb(200, 254, 153)  
}
```

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(200, 254, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 254, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 54.653, 128.406 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(200, 254, 153) }
```

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

```
.border{ border-color:rgb(200, 254, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 254, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 254, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 254, 153);  
box-shadow:4px 4px 4px 4px rgb(200, 254,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 54.653, 128.406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 254, 153) }
```

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

```
.background{ background-color: rgb(200,  
254, 153) }
```

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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