

Converting Colors

CIELCh(100, 65.465, 130.148)

Have a look what the booklet for
CIELCh(100, 65.465, 130.148)
contains.

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Color

CIElCh(95, 54.327, 127.720)

Conversions

Conversions Part 1

Format	Color
Hex	CCFF9B
RGB	204, 255, 155
RGB Percent	80%, 100%, 61%
CMY	0.1988, 0.0000, 0.3913
CMYK	0.20, 0.00, 0.39, 0.00
HSL	90°, 100%, 80%
HSV	90°, 39%, 100%
XYZ	67.1005, 87.6183, 44.4862
YIQ	228.3510, 1.7040, -41.9120

Conversions

Conversions Part 2

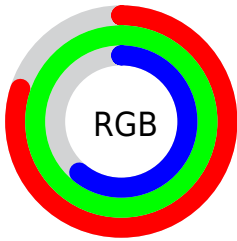
Format	Color
RYB	155, 255, 206
Decimal	13434779
CIELab	95.00, -33.24, 42.97
CIElCh	95, 54.327, 127.720
Yxy	87.6183, 0.3368, 0.4398
Android (android.graphics.Color)	4291624859 (0xFFCCFF9B)
YUV	228.3510, -36.1620, -21.3558
Hunter-Lab	93.6047, -35.8505, 37.3453

Details

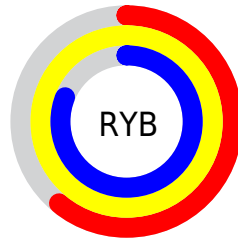
The CIELCh color **95, 54.327, 127.720** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **72, 56.664, 311.312**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 22.227, 108.494**, and **75, 53.800, 127.564** is the 20% darker color. If you saturate the color by 10%, you get **94, 66.590, 127.066**, and if you desaturate by 10%, it is **96, 40.114, 127.994**.

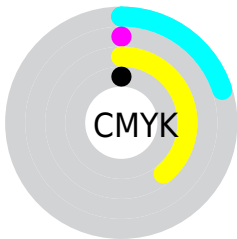
Distribution



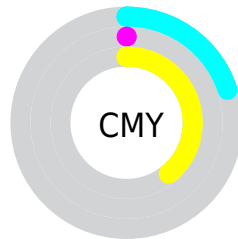
- Red (80%)
- Green (100%)
- Blue (61%)



- Red (61%)
- Yellow (100%)
- Blue (81%)



- Cyan (20%)
- Magenta (0%)
- Yellow (39%)
- Black (0%)





- Cyan (20%)
- Magenta (0%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 54.327, 127.720 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 95, 54.327, 127.720 by changing the saturation by 10% instead.

 95, 54.327,
127.720

 95, 54.327,
127.720

 100, 54.327,
127.720


 85, 54.327,
127.720

 75, 54.327,
127.720

 65, 54.327,
127.720

 55, 54.327,
127.720

 45, 54.327,
127.720

 35, 54.327,
127.720

 25, 54.327,

127.720

■ 15, 54.327,
127.720

■ 5, 54.327, 127.720

■ 95, 54.327,
127.720

■ 95, 54.327,
127.720

■ 94, 66.590,
127.066

■ 96, 40.114,
127.994

■ 93, 78.779,
126.729

■ 97, 26.390,
128.486

■ 92, 89.691,
126.592

■ 99, 12.577,
128.963

■ 91, 98.736,
126.779

100, 0.012,
296.813

■ 90, 105.348,
127.419

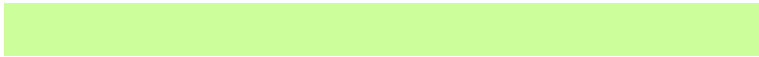
■ 90, 109.429,
128.535

■ 90, 109.731,
128.637

Harmonies

Complementary

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



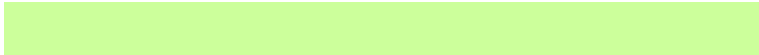
95, 54.327, 127.720



72, 56.664, 311.312

Rectangle

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



95, 54.327, 127.720



95, 54.327, 177.720



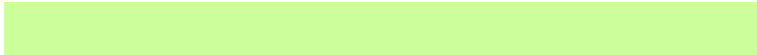
95, 54.327, 307.720



95, 54.327, 357.720

Sweetspot

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



95, 53.590, 127.509



98, 16.550, 128.827



86, 33.430, 70.487



52, 10.980, 128.765



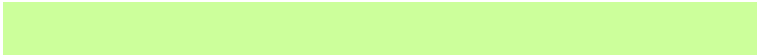
0, 0.000, 0.000



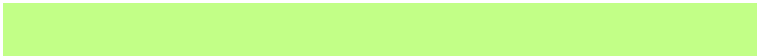
53, 0.007, 296.813

Same Dimension

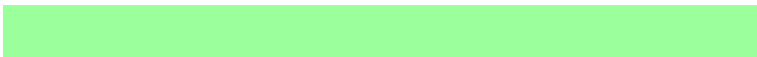
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 53.590, 127.509



94, 63.882, 127.154



92, 62.090, 141.451



53, 7.837, 128.945



69, 88.133, 128.353



23, 39.198, 126.810

Inverse Universe

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



72, 56.664, 311.312



67, 68.406, 311.733



77, 61.972, 326.551



49, 7.944, 309.771



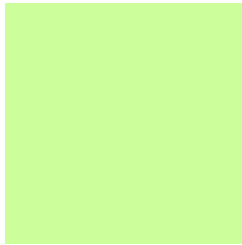
30, 100.354, 312.059



6, 44.892, 313.104

Previews

White Background



This preview shows how the CIELCh color 95, 54.327, 127.720 looks on a white background.

Color Contrast Check

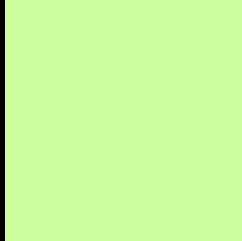
Large Text (above 18pt) WCAG AA × Fail

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 95, 54.327, 127.720 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 95, 54.327, 127.720

Background



This preview shows how black text looks on a background with the CIELCh color 95, 54.327, 127.720.

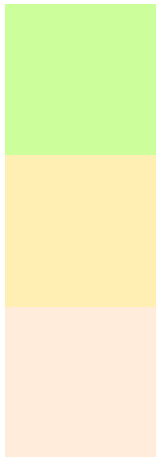


This preview shows how white text looks on a background with the CIELCh color 95, 54.327, 127.720.

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](#).

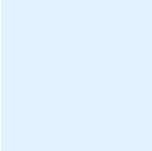
Dichromacy



Original Color
95, 53.736, 127.567

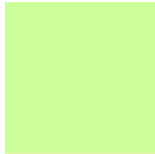
Protanopia
94, 31.709, 96.339

Deuteranopia
94, 11.596, 72.137

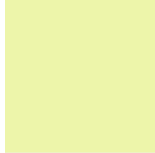


Tritanopia
94, 8.722, 255.077

Trichromacy



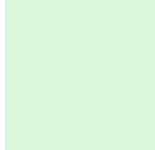
Original Color
95, 53.736, 127.567



Protanomaly
94, 38.046, 111.881

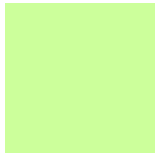


Deuteranomaly
94, 24.572, 113.533

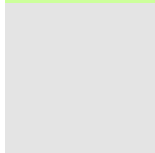


Tritanomaly
94, 17.182, 144.731

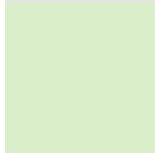
Monochromacy



Original Color
95, 53.736, 127.567



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 19.828, 129.367

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 54.327, 127.720 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(204, 255, 155)` looks like.

```
.text, #text, p{  
    color:rgb(204, 255, 155)  
}
```

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(204, 255, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 255, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 54.327, 127.720 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(204, 255, 155) }
```

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

```
.border{ border-color:rgb(204, 255, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 255, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 255, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 255, 155);  
box-shadow:4px 4px 4px 4px rgb(204, 255,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 54.327, 127.720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 255, 155) }
```

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

```
.background{ background-color: rgb(204,  
255, 155) }
```

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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