

Converting Colors

CIELCh(100, 64.056, 126.512)

Have a look what the booklet for
CIELCh(100, 64.056, 126.512)
contains.

CIELCh(95, 54.349, 123.570)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(95, 54.349, 123.570)

Conversions

Conversions Part 1

Format	Color
Hex	D5FF97
RGB	213, 255, 151
RGB Percent	84%, 100%, 59%
CMY	0.1660, 0.0013, 0.4091
CMYK	0.16, 0.00, 0.41, 0.00
HSL	84°, 99%, 79%
HSV	84°, 41%, 100%
XYZ	68.5508, 87.6183, 42.4402
YIQ	230.5860, 8.3520, -41.2480

Conversions

Conversions Part 2

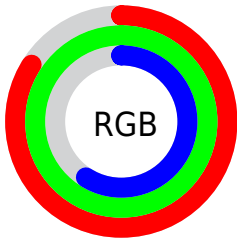
Format	Color
RYB	151, 255, 193
Decimal	14024599
CIELab	95.00, -30.05, 45.28
CIELCh	95, 54.349, 123.570
Yxy	87.6183, 0.3452, 0.4412
Android (android.graphics.Color)	4292214679 (0xFFD5FF97)
YUV	230.5860, -39.2359, -15.4229
Hunter-Lab	93.6047, -33.0847, 38.6413

Details

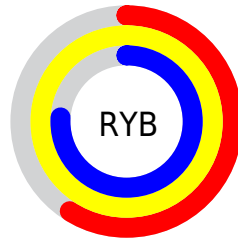
The CIELCh color **95, 54.349, 123.570** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **70, 58.507, 308.083**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 24.734, 108.302**, and **75, 54.297, 123.410** is the 20% darker color. If you saturate the color by 10%, you get **94, 66.826, 123.134**, and if you desaturate by 10%, it is **96, 41.340, 124.073**.

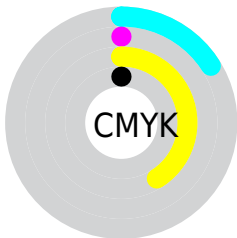
Distribution



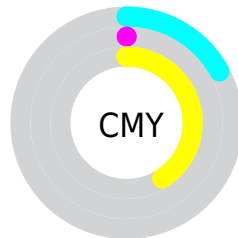
- Red (84%)
- Green (100%)
- Blue (59%)



- Red (59%)
- Yellow (100%)
- Blue (76%)



- Cyan (16%)
- Magenta (0%)
- Yellow (41%)
- Black (0%)





- Cyan (17%)
- Magenta (0%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 54.349, 123.570 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, 54.349, 123.570 by changing the saturation by 10% instead.


 95, 54.349,
123.570


 95, 54.349,
123.570


 100, 54.349,
123.570


 85, 54.349,
123.570

 75, 54.349,
123.570

 65, 54.349,
123.570

 55, 54.349,
123.570

 45, 54.349,
123.570

 35, 54.349,
123.570

 25, 54.349,

123.570

■ 15, 54.349,
123.570

■ 5, 54.349, 123.570

■ 95, 54.349,
123.570

■ 95, 54.349,
123.570

■ 94, 66.826,
123.134

■ 96, 41.340,
124.073

■ 93, 78.418,
122.827

■ 97, 28.031,
124.596

■ 92, 88.642,
122.746

■ 98, 14.583,
125.116

■ 92, 96.900,
123.015

■ 100, 1.107,
125.697

■ 91, 102.667,
123.753

100, 0.221,
323.049

■ 91, 105.861,
124.828

Harmonies

Complementary

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



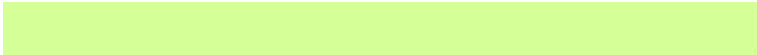
95, 54.349, 123.570



70, 58.507, 308.083

Rectangle

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



95, 54.349, 123.570



95, 54.349, 173.570



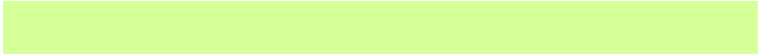
95, 54.349, 303.570



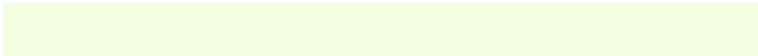
95, 54.349, 353.570

Sweetspot

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



95, 54.351, 123.572



98, 16.176, 125.056



83, 34.287, 59.825



52, 10.730, 124.989



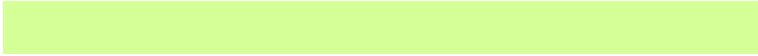
0, 0.000, 0.000



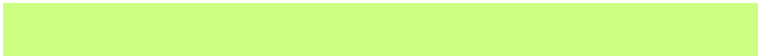
53, 0.007, 296.813

Same Dimension

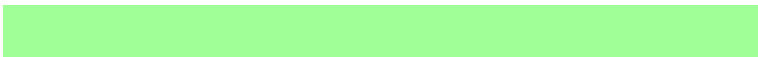
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 54.351, 123.572



94, 64.666, 123.207



92, 62.680, 139.021



53, 7.662, 125.184



70, 85.153, 124.546



24, 38.023, 122.992

Inverse Universe

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



70, 58.507, 308.083



64, 70.854, 308.650



75, 63.081, 323.661



49, 7.790, 306.120



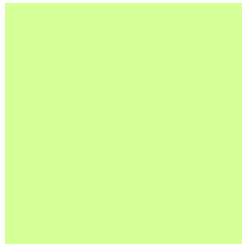
28, 102.592, 309.911



5, 44.899, 310.294

Previews

White Background



This preview shows how the CIELCh color 95, 54.349, 123.570 looks on a white background.

Color Contrast Check

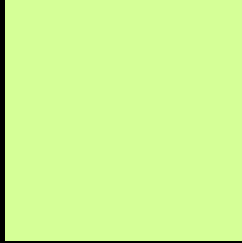
Large Text (above 18pt) WCAG AA × Fail

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, 54.349, 123.570 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, 54.349, 123.570

Background



This preview shows how black text looks on a background with the CIELCh color 95, 54.349, 123.570.

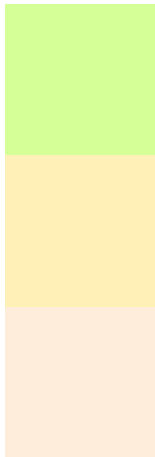


This preview shows how white text looks on a background with the CIELCh color 95, 54.349, 123.570.

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, 54.349, 123.570

Protanopia
95, 29.129, 96.405

Deuteranopia
95, 10.942, 72.148

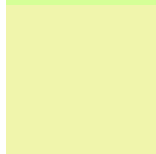


Tritanopia
95, 7.901, 265.189

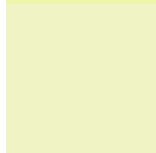
Trichromacy



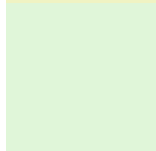
Original Color
95, 54.349, 123.570



Protanomaly
95, 36.973, 110.285



Deuteranomaly
95, 24.482, 110.906

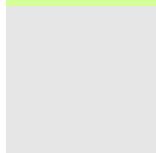


Tritanomaly
95, 16.898, 137.034

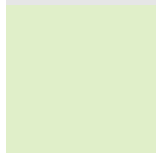
Monochromacy



Original Color
95, 54.349, 123.570



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 20.298, 124.513

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 54.349, 123.570 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(213, 255, 151)` looks like.

```
.text, #text, p{  
    color:rgb(213, 255, 151)  
}
```

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(213, 255, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 255, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 54.349, 123.570 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(213, 255, 151) }
```

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

```
.border{ border-color:rgb(213, 255, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 255, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 255, 151); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 255, 151); box-shadow:4px 4px 4px 4px rgb(213, 255, 151) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 54.349, 123.570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 255, 151) }
```

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

```
.background{ background-color: rgb(213,  
255, 151) }
```

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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