

Converting Colors

CIELCh(95, 53.902, 116.599)

Have a look what the booklet for
CIELCh(95, 53.902, 116.599)
contains.

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Color

CIELCh(95, 54.121, 116.546)

Conversions

Conversions Part 1

Format	Color
Hex	E3FC91
RGB	227, 252, 145
RGB Percent	89%, 99%, 57%
CMY	0.1116, 0.0135, 0.4331
CMYK	0.10, 0.00, 0.43, 0.01
HSL	74°, 94%, 78%
HSV	74°, 43%, 99%
XYZ	71.2761, 87.6183, 39.7695
YIQ	232.3270, 19.4470, -38.5770

Conversions

Conversions Part 2

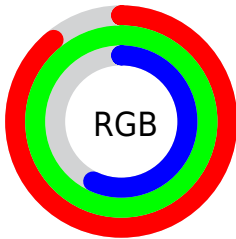
Format	Color
RYB	145, 252, 170
Decimal	14941329
CIELab	95.00, -24.19, 48.42
CIElCh	95, 54.121, 116.546
Yxy	87.6183, 0.3588, 0.4410
Android (android.graphics.Color)	4293131409 (0xFFE3FC91)
YUV	232.3270, -43.0522, -4.6718
Hunter-Lab	93.6047, -27.8877, 40.3329

Details

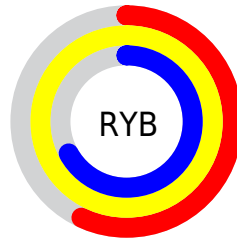
The CIELCh color **95, 54.121, 116.546** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **66, 59.788, 302.921**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 27.734, 108.071**, and **75, 53.966, 116.420** is the 20% darker color. If you saturate the color by 10%, you get **94, 65.832, 116.003**, and if you desaturate by 10%, it is **96, 41.802, 117.169**.

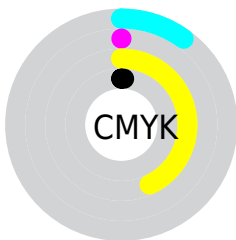
Distribution



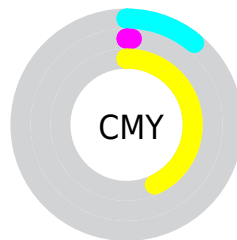
- Red (89%)
- Green (99%)
- Blue (57%)



- Red (57%)
- Yellow (99%)
- Blue (67%)



- Cyan (10%)
- Magenta (0%)
- Yellow (43%)
- Black (1%)





- Cyan (11%)
- Magenta (1%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 54.121, 116.546 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, 54.121, 116.546 by changing the saturation by 10% instead.


 95, 54.121,
116.546


 95, 54.121,
116.546


 100, 54.121,
116.546


 85, 54.121,
116.546

 75, 54.121,
116.546

 65, 54.121,
116.546


 55, 54.121,
116.546

 45, 54.121,
116.546


 35, 54.121,
116.546


 25, 54.121,


116.546


 15, 54.121,
116.546


 5, 54.121, 116.546


 95, 54.121,
116.546


 95, 54.121,
116.546

 94, 65.832,
116.003


 96, 41.802,
117.169

 94, 76.560,
115.595

 97, 29.119,
117.823

 93, 85.794,
115.409

 98, 16.238,
118.484

 93, 92.928,
115.546

 99, 3.269, 119.139

 99, 2.153, 324.373

■ 92, 97.483,
116.098

■ 92, 99.385,
116.760

Harmonies

Complementary

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



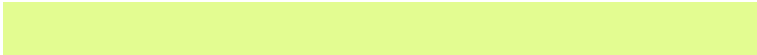
95, 54.121, 116.546



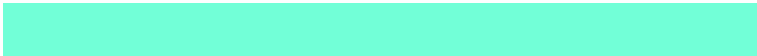
66, 59.788, 302.921

Rectangle

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



95, 54.121, 116.546



95, 54.121, 166.546



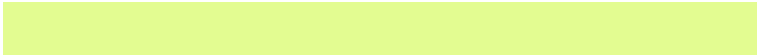
95, 54.121, 296.546



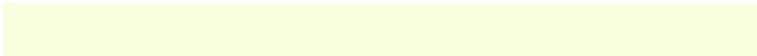
95, 54.121, 346.546

Sweetspot

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



95, 54.123, 116.548



99, 17.038, 118.452



77, 37.140, 42.664



52, 11.917, 118.307



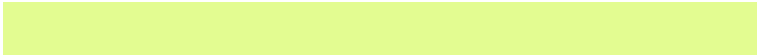
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

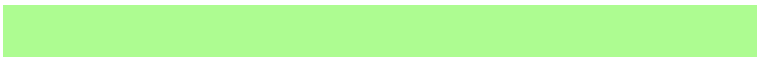
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 54.123, 116.548



96, 64.806, 116.078



92, 61.323, 134.545



52, 7.332, 118.683



71, 79.989, 116.543



24, 35.227, 115.486

Inverse Universe

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



66, 59.788, 302.921



61, 73.454, 303.870



71, 62.992, 318.600



48, 7.482, 299.930



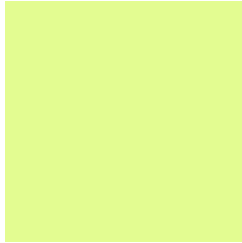
24, 104.648, 307.557



4, 42.653, 305.677

Previews

White Background



This preview shows how the CIELCh color 95, 54.121, 116.546 looks on a white background.

Color Contrast Check

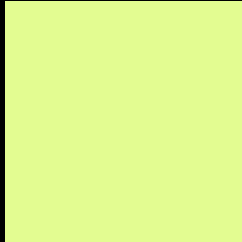
Large Text (above 18pt) WCAG AA × Fail

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, 54.121, 116.546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

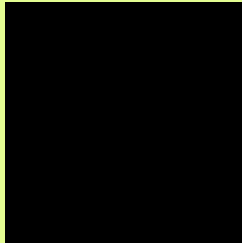
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

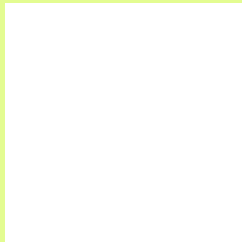
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 54.121, 116.546

Background



This preview shows how black text looks on a background with the CIELCh color 95, 54.121, 116.546.

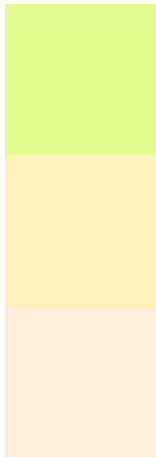


This preview shows how white text looks on a background with the CIELCh color 95, 54.121, 116.546.

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, 54.121, 116.546

Protanopia
95, 28.634, 96.258

Deuteranopia
95, 10.942, 72.148

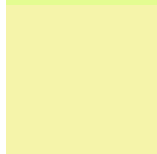


Tritanopia
95, 8.269, 295.594

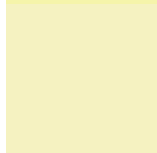
Trichromacy



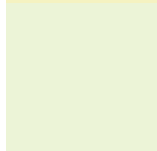
Original Color
95, 54.121, 116.546



Protanomaly
95, 37.433, 106.627



Deuteranomaly
95, 24.990, 105.590

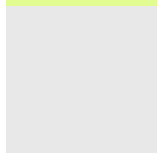


Tritanomaly
95, 15.119, 120.183

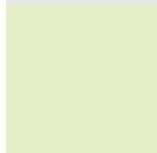
Monochromacy



Original Color
95, 54.121, 116.546



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 20.271, 118.116

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 54.121, 116.546 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(227, 252, 145)` looks like.

```
.text, #text, p{  
    color:rgb(227, 252, 145)  
}
```

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(227, 252, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 252, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 54.121, 116.546 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(227, 252, 145) }
```

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

```
.border{ border-color:rgb(227, 252, 145) }
```

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

Here you see how a box with a 4 pixel rgb(227, 252, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 252, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 252, 145);  
box-shadow:4px 4px 4px 4px rgb(227, 252,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 54.121, 116.546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 252, 145) }
```

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

```
.background{ background-color: rgb(227,  
252, 145) }
```

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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