

Converting Colors

CIELCh(95, 59.350, 119.990)

Have a look what the booklet for
CIELCh(95, 59.350, 119.990)
contains.

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Color

CIELCh(95, 59.231, 119.959)

Conversions

Conversions Part 1

Format	Color
Hex	D9FE8A
RGB	217, 254, 138
RGB Percent	85%, 100%, 54%
CMY	0.1483, 0.0032, 0.4581
CMYK	0.15, 0.00, 0.46, 0.00
HSL	79°, 99%, 77%
HSV	79°, 46%, 100%
XYZ	68.7684, 87.6183, 37.3970
YIQ	229.7130, 15.1840, -43.9200

Conversions

Conversions Part 2

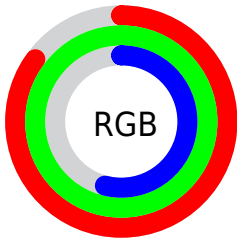
Format	Color
RYB	138, 254, 175
Decimal	14286474
CIELab	95.00, -29.58, 51.32
CIELCh	95, 59.231, 119.959
Yxy	87.6183, 0.3549, 0.4521
Android (android.graphics.Color)	4292476554 (0xFFD9FE8A)
YUV	229.7130, -45.2145, -11.1493
Hunter-Lab	93.6047, -32.6699, 41.8357

Details

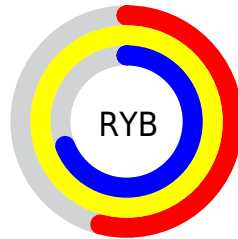
The CIELCh color **95, 59.231, 119.959** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **65, 65.286, 305.815**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 31.221, 107.803**, and **75, 59.107, 119.992** is the 20% darker color. If you saturate the color by 10%, you get **94, 71.023, 119.531**, and if you desaturate by 10%, it is **96, 46.742, 120.486**.

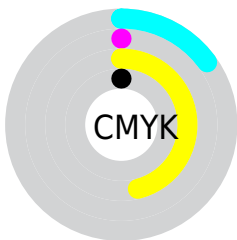
Distribution



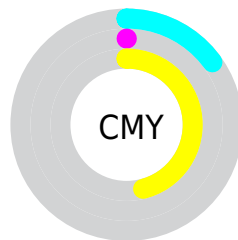
- Red (85%)
- Green (100%)
- Blue (54%)



- Red (54%)
- Yellow (100%)
- Blue (69%)



- Cyan (15%)
- Magenta (0%)
- Yellow (46%)
- Black (0%)





- Cyan (15%)
- Magenta (0%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 59.231, 119.959 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, 59.231, 119.959 by changing the saturation by 10% instead.


 95, 59.231,
119.959


 95, 59.231,
119.959


 100, 59.231,
119.959


 85, 59.231,
119.959

 75, 59.231,
119.959

 65, 59.231,
119.959

 55, 59.231,
119.959

 45, 59.231,
119.959

 35, 59.231,
119.959

 25, 59.231,

119.959

■ 15, 59.231,
119.959

■ 5, 59.231, 119.959

■ 95, 59.231,
119.959

■ 95, 59.231,
119.959

■ 94, 71.023,
119.531

■ 96, 46.742,
120.486

■ 93, 81.699,
119.273

■ 97, 33.834,
121.055

■ 93, 90.710,
119.288

■ 98, 20.698,
121.635

■ 92, 97.455,
119.696

■ 99, 7.464, 122.210

100, 0.514,

■ 92, 101.570,
120.584

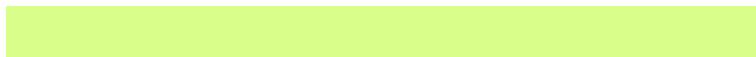
323.857

■ 92, 102.766,
121.077

Harmonies

Complementary

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



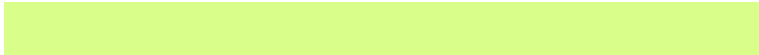
95, 59.231, 119.959



65, 65.286, 305.815

Rectangle

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



95, 59.231, 119.959



95, 59.231, 169.959



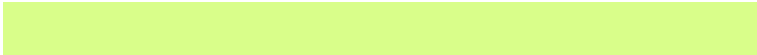
95, 59.231, 299.959



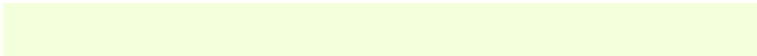
95, 59.231, 349.959

Sweetspot

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



95, 59.233, 119.961



98, 18.579, 121.730



78, 39.362, 50.832



52, 12.822, 121.605



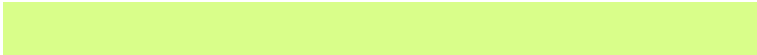
0, 0.000, 0.000



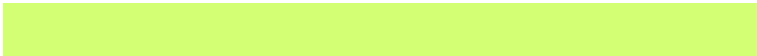
53, 0.007, 296.813

Same Dimension

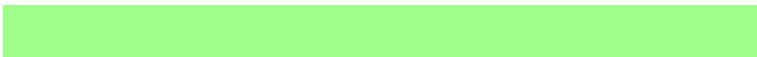
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 59.233, 119.961



95, 70.476, 119.554



92, 67.866, 136.590



53, 7.546, 121.989



71, 82.830, 120.819



24, 37.152, 119.399

Inverse Universe

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



65, 65.286, 305.815



59, 79.672, 306.647



71, 68.985, 321.305



49, 7.688, 303.061



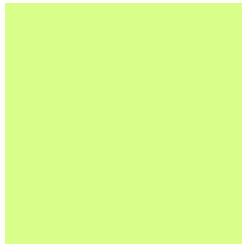
26, 104.277, 308.559



5, 44.787, 308.159

Previews

White Background



This preview shows how the CIELCh color 95, 59.231, 119.959 looks on a white background.

Color Contrast Check

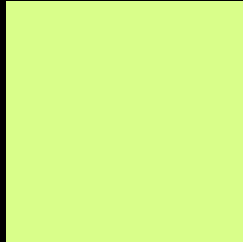
Large Text (above 18pt) WCAG AA × Fail

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, 59.231, 119.959 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

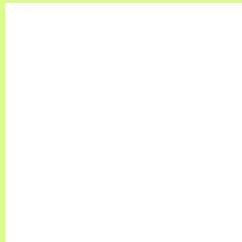
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 59.231, 119.959

Background



This preview shows how black text looks on a background with the CIELCh color 95, 59.231, 119.959.

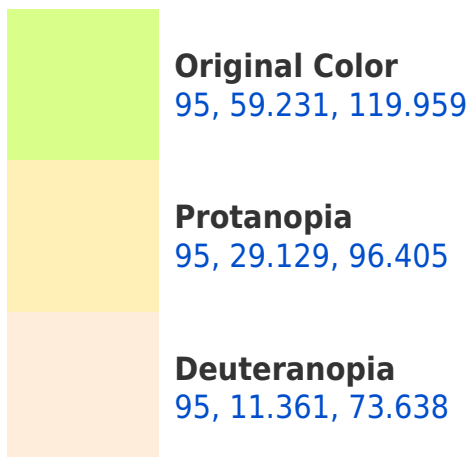


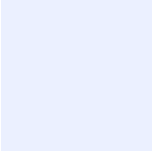
This preview shows how white text looks on a background with the CIELCh color 95, 59.231, 119.959.

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](#).

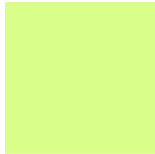
Dichromacy



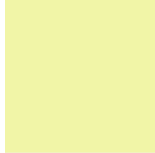


Tritanopia
95, 7.870, 278.230

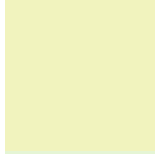
Trichromacy



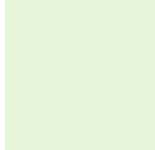
Original Color
95, 59.231, 119.959



Protanomaly
95, 39.416, 109.352



Deuteranomaly
95, 26.985, 109.669

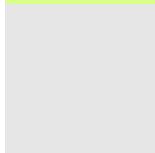


Tritanomaly
95, 17.408, 128.488

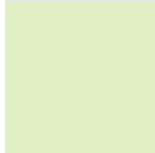
Monochromacy



Original Color
95, 59.231, 119.959



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 22.170, 122.083

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 59.231, 119.959 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(217, 254, 138)` looks like.

```
.text, #text, p{  
    color:rgb(217, 254, 138)  
}
```

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(217, 254, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 254, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 59.231, 119.959 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(217, 254, 138) }
```

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

```
.border{ border-color:rgb(217, 254, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 254, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 254, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 254, 138); box-shadow:4px 4px 4px 4px rgb(217, 254, 138) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 59.231, 119.959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 254, 138) }
```

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

```
.background{ background-color: rgb(217,  
254, 138) }
```

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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