

Converting Colors

CIELCh(95, 61.425, 119.327)

Have a look what the booklet for
CIELCh(95, 61.425, 119.327)
contains.

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Color

CIELCh(95, 61.455, 119.319)

Conversions

Conversions Part 1

Format	Color
Hex	D9FE85
RGB	217, 254, 133
RGB Percent	85%, 100%, 52%
CMY	0.1476, 0.0025, 0.4771
CMYK	0.15, 0.00, 0.48, 0.00
HSL	78°, 99%, 76%
HSV	78°, 48%, 100%
XYZ	68.5324, 87.6183, 35.6109
YIQ	229.1430, 16.7890, -45.4750

Conversions

Conversions Part 2

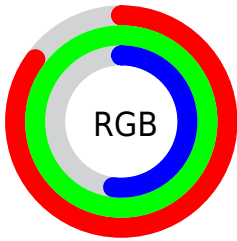
Format	Color
RYB	133, 254, 170
Decimal	14286469
CIELab	95.00, -30.09, 53.58
CIElCh	95, 61.455, 119.319
Yxy	87.6183, 0.3574, 0.4569
Android (android.graphics.Color)	4292476549 (0xFFD9FE85)
YUV	229.1430, -47.3985, -10.6494
Hunter-Lab	93.6047, -33.1199, 42.9670

Details

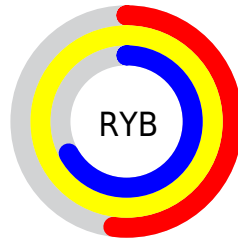
The CIELCh color **95, 61.455, 119.319** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **64, 68.223, 305.593**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 33.700, 107.612**, and **75, 61.223, 119.320** is the 20% darker color. If you saturate the color by 10%, you get **94, 73.032, 118.907**, and if you desaturate by 10%, it is **96, 49.108, 119.842**.

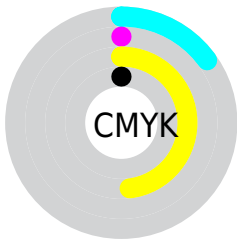
Distribution



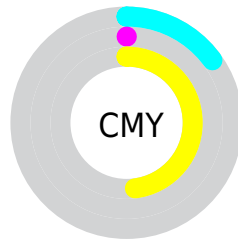
- Red (85%)
- Green (100%)
- Blue (52%)



- Red (52%)
- Yellow (100%)
- Blue (67%)



- Cyan (15%)
- Magenta (0%)
- Yellow (48%)
- Black (0%)





- Cyan (15%)
- Magenta (0%)
- Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 61.455, 119.319 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, 61.455, 119.319 by changing the saturation by 10% instead.


 95, 61.455,
119.319


 95, 61.455,
119.319


 100, 61.455,
119.319


 85, 61.455,
119.319

 75, 61.455,
119.319

 65, 61.455,
119.319

 55, 61.455,
119.319

 45, 61.455,
119.319

 35, 61.455,
119.319

 25, 61.455,

119.319

■ 15, 61.455,
119.319

■ 5, 61.455, 119.319

■ 95, 61.455,
119.319

■ 95, 61.455,
119.319

■ 94, 73.032,
118.907

■ 96, 49.108,
119.842

■ 94, 83.391,
118.682

■ 97, 36.294,
120.416

■ 93, 91.961,
118.750

■ 98, 23.218,
121.007

■ 92, 98.158,
119.227

■ 99, 10.018,
121.595

■ 92, 101.738,
120.179

100, 0.406,
323.693

■ 92, 102.389,
120.443

Harmonies

Complementary

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



95, 61.455, 119.319



64, 68.223, 305.593

Rectangle

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



95, 61.455, 119.319



95, 61.455, 169.319



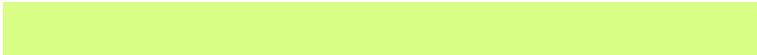
95, 61.455, 299.319



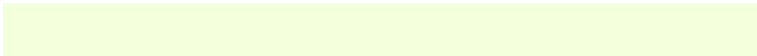
95, 61.455, 349.319

Sweetspot

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



95, 61.457, 119.321



98, 18.538, 121.218



77, 41.582, 49.108



52, 12.794, 121.091



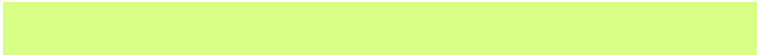
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

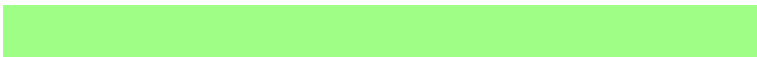
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 61.457, 119.321



94, 72.534, 118.927



92, 70.267, 136.026



53, 7.530, 121.482



71, 82.491, 120.191



24, 37.027, 118.804

Inverse Universe

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



64, 68.223, 305.593



57, 82.688, 306.465



70, 71.617, 320.860



49, 7.674, 302.579



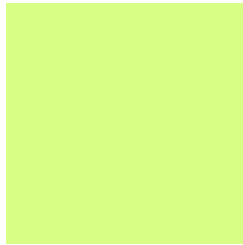
26, 104.519, 308.380



5, 44.764, 307.844

Previews

White Background



This preview shows how the CIELCh color 95, 61.455, 119.319 looks on a white background.

Color Contrast Check

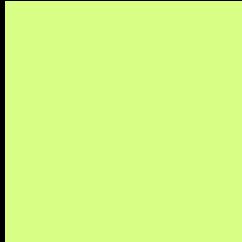
Large Text (above 18pt) WCAG AA × Fail

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 95, 61.455, 119.319 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

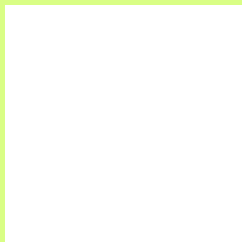
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 61.455, 119.319

Background



This preview shows how black text looks on a background with the CIELCh color 95, 61.455, 119.319.

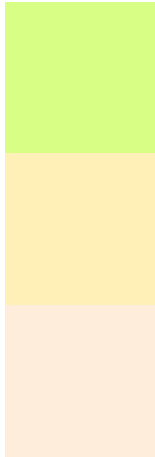


This preview shows how white text looks on a background with the CIELCh color 95, 61.455, 119.319.

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](#).

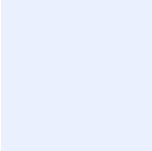
Dichromacy



Original Color
95, 61.455, 119.319

Protanopia
95, 29.625, 96.545

Deuteranopia
95, 11.361, 73.638

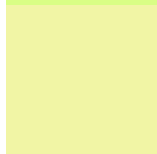


Tritanopia
95, 7.870, 278.230

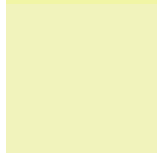
Trichromacy



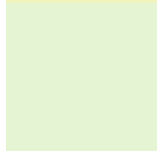
Original Color
95, 61.455, 119.319



Protanomaly
95, 40.398, 109.223



Deuteranomaly
94, 27.991, 109.534

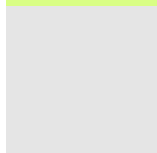


Tritanomaly
95, 18.372, 127.399

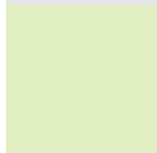
Monochromacy



Original Color
95, 61.455, 119.319



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 23.091, 120.552

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 61.455, 119.319 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, 133)` looks like.

```
.text, #text, p{  
    color:rgb(217, 254, 133)  
}
```

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, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 254, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 61.455, 119.319 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, 133) }
```

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

```
.border{ border-color:rgb(217, 254, 133) }
```

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, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 254, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 254, 133);  
box-shadow:4px 4px 4px 4px rgb(217, 254,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 61.455, 119.319 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, 133) }
```

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

```
.background{ background-color: rgb(217,  
254, 133) }
```

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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