

Converting Colors

CIELCh(100, 71.556, 125.002)

Have a look what the booklet for
CIELCh(100, 71.556, 125.002)
contains.

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Color

CIELCh(95, 61.735, 121.824)

Conversions

Conversions Part 1

Format	Color
Hex	D4FF88
RGB	212, 255, 136
RGB Percent	83%, 100%, 53%
CMY	0.1701, 0.0000, 0.4683
CMYK	0.17, 0.00, 0.47, 0.00
HSL	82°, 100%, 77%
HSV	82°, 47%, 100%
XYZ	67.4101, 87.6183, 36.4930
YIQ	228.5770, 12.5710, -46.1250

Conversions

Conversions Part 2

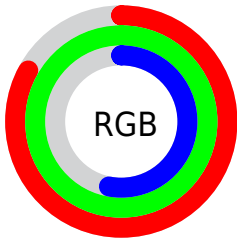
Format	Color
RYB	136, 255, 179
Decimal	13959048
CIELab	95.00, -32.55, 52.45
CIELCh	95, 61.735, 121.824
Yxy	87.6183, 0.3520, 0.4575
Android (android.graphics.Color)	4292149128 (0xFFD4FF88)
YUV	228.5770, -45.6405, -14.5380
Hunter-Lab	93.6047, -35.2600, 42.4083

Details

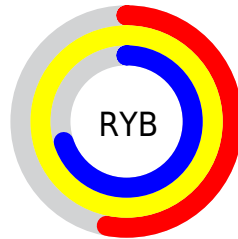
The CIELCh color **95, 61.735, 121.824** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **65, 67.425, 307.260**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 32.214, 107.726**, and **75, 61.083, 121.730** is the 20% darker color. If you saturate the color by 10%, you get **94, 73.273, 121.315**, and if you desaturate by 10%, it is **96, 48.814, 122.188**.

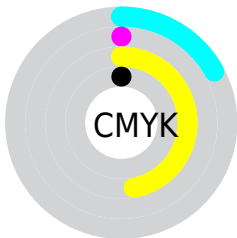
Distribution



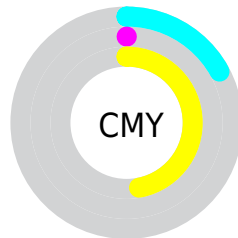
- Red (83%)
- Green (100%)
- Blue (53%)



- Red (53%)
- Yellow (100%)
- Blue (70%)



- Cyan (17%)
- Magenta (0%)
- Yellow (47%)
- Black (0%)





- Cyan (17%)
- Magenta (0%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 61.735, 121.824 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, 61.735, 121.824 by changing the saturation by 10% instead.


 95, 61.735,
121.824


 95, 61.735,
121.824


 100, 61.735,
121.824


 85, 61.735,
121.824

 75, 61.735,
121.824

 65, 61.735,
121.824

 55, 61.735,
121.824

 45, 61.735,
121.824

 35, 61.735,
121.824

 25, 61.735,

121.824

■ 15, 61.735,
121.824

■ 5, 61.735, 121.824

■ 95, 61.735,
121.824

■ 95, 61.735,
121.824

■ 94, 73.273,
121.315

■ 96, 48.814,
122.188

■ 93, 83.968,
121.113

■ 97, 35.779,
122.724

■ 93, 92.932,
121.207

■ 98, 22.507,
123.272

■ 92, 99.575,
121.719

■ 99, 9.134, 123.814

100, 0.012,

■ 91, 103.593,
122.730

296.813

■ 91, 104.527,
123.106

Harmonies

Complementary

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



95, 61.735, 121.824



65, 67.425, 307.260

Rectangle

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



95, 61.735, 121.824



95, 61.735, 171.824



95, 61.735, 301.824



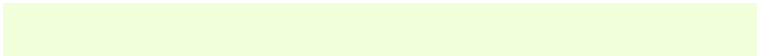
95, 61.735, 351.824

Sweetspot

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



95, 61.411, 121.700



98, 18.725, 123.426



79, 40.357, 54.149



52, 12.925, 123.309



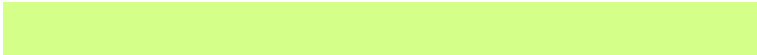
0, 0.000, 0.000



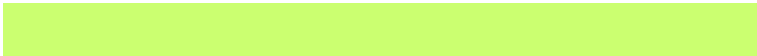
53, 0.007, 296.813

Same Dimension

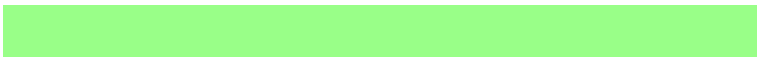
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 61.411, 121.700



94, 72.323, 121.341



92, 70.420, 137.331



53, 7.604, 123.670



71, 84.017, 122.832



24, 37.592, 121.326

Inverse Universe

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



65, 67.425, 307.260



59, 81.231, 307.970



71, 71.270, 322.376



49, 7.738, 304.665



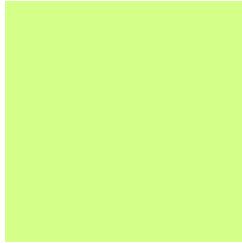
27, 103.422, 309.220



5, 44.855, 309.251

Previews

White Background



This preview shows how the CIE LCh color 95, 61.735, 121.824 looks on a white background.

Color Contrast Check

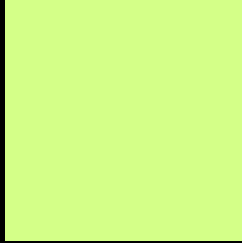
Large Text (above 18pt) WCAG AA × Fail

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, 61.735, 121.824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

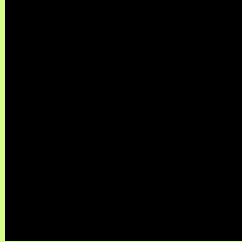
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 61.735, 121.824

Background



This preview shows how black text looks on a background with the CIELCh color 95, 61.735, 121.824.

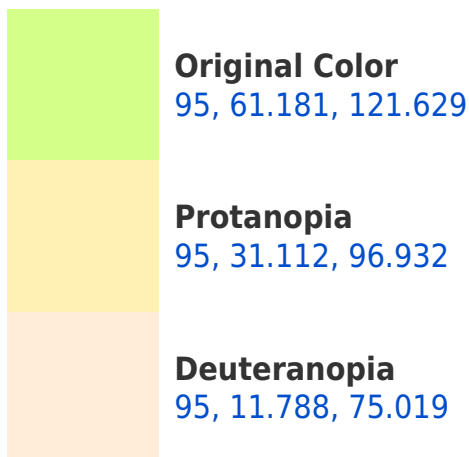


This preview shows how white text looks on a background with the CIELCh color 95, 61.735, 121.824.

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



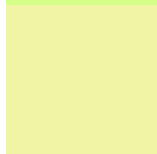


Tritanopia
95, 7.901, 265.189

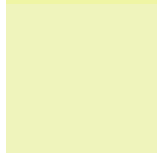
Trichromacy



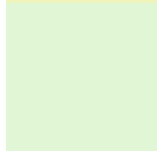
Original Color
95, 61.181, 121.629



Protanomaly
94, 40.930, 110.252



Deuteranomaly
95, 28.535, 111.766

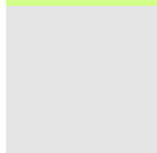


Tritanomaly
95, 19.198, 133.442

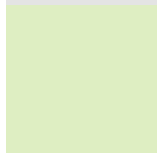
Monochromacy



Original Color
95, 61.181, 121.629



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 23.371, 123.198

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 61.735, 121.824 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(212, 255, 136)` looks like.

```
.text, #text, p{  
    color:rgb(212, 255, 136)  
}
```

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(212, 255, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 255, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 61.735, 121.824 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(212, 255, 136) }
```

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

```
.border{ border-color:rgb(212, 255, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 255, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 255, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 255, 136);  
box-shadow:4px 4px 4px 4px rgb(212, 255,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 61.735, 121.824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 255, 136) }
```

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

```
.background{ background-color: rgb(212,  
255, 136) }
```

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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