

Converting Colors

CIELCh(97, 52.818, 127.653)

Have a look what the booklet for
CIELCh(97, 52.818, 127.653)
contains.

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Color

CIELCh(95, 49.141, 126.578)

Conversions

Conversions Part 1

Format	Color
Hex	D3FFA3
RGB	211, 255, 163
RGB Percent	83%, 100%, 64%
CMY	0.1744, 0.0019, 0.3625
CMYK	0.17, 0.00, 0.36, 0.00
HSL	89°, 99%, 82%
HSV	89°, 36%, 100%
XYZ	68.9040, 87.6183, 47.7186
YIQ	231.3560, 3.3080, -37.9400

Conversions

Conversions Part 2

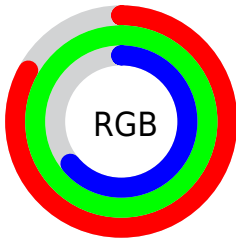
Format	Color
RYB	163, 255, 207
Decimal	13893539
CIELab	95.00, -29.28, 39.46
CIELCh	95, 49.141, 126.578
Yxy	87.6183, 0.3374, 0.4290
Android (android.graphics.Color)	4292083619 (0xFFD3FFA3)
YUV	231.3560, -33.6995, -17.8522
Hunter-Lab	93.6047, -32.4113, 35.2979

Details

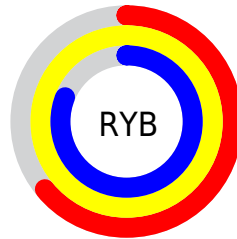
The CIELCh color **95, 49.141, 126.578** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **74, 51.912, 310.180**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 18.203, 108.801**, and **75, 49.111, 126.594** is the 20% darker color. If you saturate the color by 10%, you get **94, 62.177, 126.120**, and if you desaturate by 10%, it is **96, 35.707, 127.073**.

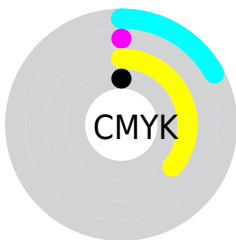
Distribution



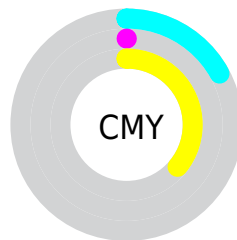
- Red (83%)
- Green (100%)
- Blue (64%)



- Red (64%)
- Yellow (100%)
- Blue (81%)



- Cyan (17%)
- Magenta (0%)
- Yellow (36%)
- Black (0%)





- Cyan (17%)
- Magenta (0%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 49.141, 126.578 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, 49.141, 126.578 by changing the saturation by 10% instead.

 95, 49.141,
126.578


 95, 49.141,
126.578


 100, 49.141,
126.578


 85, 49.141,
126.578

 75, 49.141,
126.578

 65, 49.141,
126.578

 55, 49.141,
126.578

 45, 49.141,
126.578

 35, 49.141,
126.578

 25, 49.141,

126.578

■ 15, 49.141,
126.578

■ 5, 49.141, 126.578

■ 95, 49.141,
126.578

■ 95, 49.141,
126.578

■ 94, 62.177,
126.120

■ 96, 35.707,
127.073

■ 93, 74.515,
125.749

■ 98, 22.073,
127.567

■ 92, 85.734,
125.550

■ 99, 8.377, 128.050

■ 91, 95.279,
125.638

100, 0.307,
323.443

■ 91, 102.552,
126.147

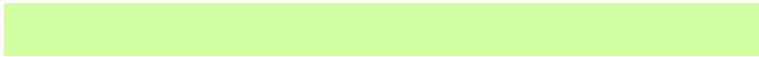
■ 90, 107.198,
127.163

■ 90, 108.506,
127.635

Harmonies

Complementary

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



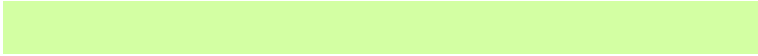
95, 49.141, 126.578



74, 51.912, 310.180

Rectangle

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



95, 49.141, 126.578



95, 49.141, 176.578



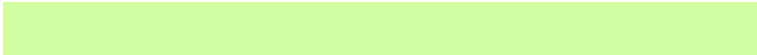
95, 49.141, 306.578



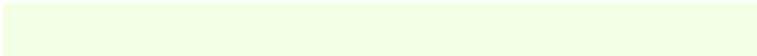
95, 49.141, 356.578

Sweetspot

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



95, 49.143, 126.580



98, 15.064, 127.816



86, 30.243, 67.401



52, 10.124, 127.751



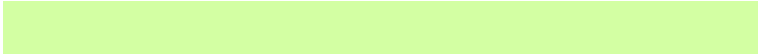
0, 0.000, 0.000



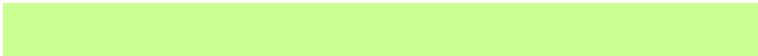
53, 0.007, 296.813

Same Dimension

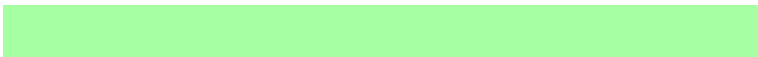
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 49.143, 126.580



94, 58.238, 126.257



93, 56.820, 140.994



53, 7.783, 127.888



70, 87.283, 127.350



24, 38.856, 125.786

Inverse Universe

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



74, 51.912, 310.180



69, 62.257, 310.577



78, 56.881, 325.429



49, 7.897, 308.739



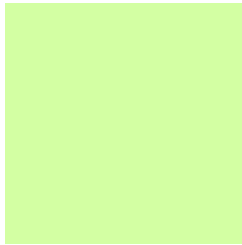
29, 101.001, 311.390



6, 44.916, 312.285

Previews

White Background



This preview shows how the CIELCh color 95, 49.141, 126.578 looks on a white background.

Color Contrast Check

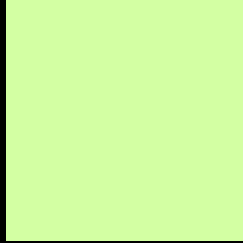
Large Text (above 18pt) WCAG AA × Fail

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, 49.141, 126.578 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, 49.141, 126.578

Background



This preview shows how black text looks on a background with the CIELCh color 95, 49.141, 126.578.

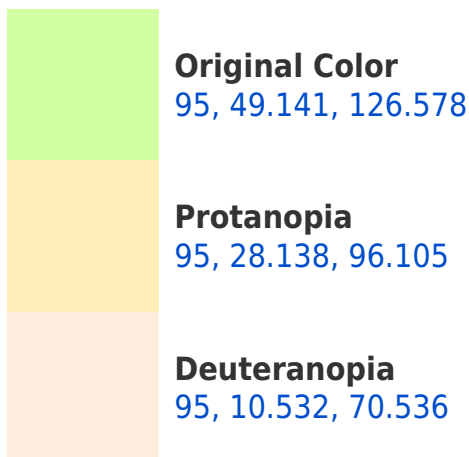


This preview shows how white text looks on a background with the CIELCh color 95, 49.141, 126.578.

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](#).

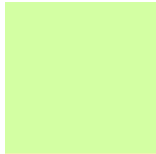
Dichromacy



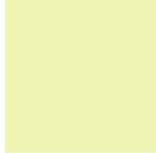


Tritanopia
95, 7.757, 258.918

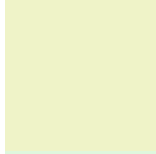
Trichromacy



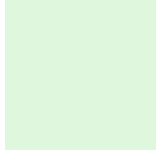
Original Color
95, 49.141, 126.578



Protanomaly
95, 34.525, 111.317

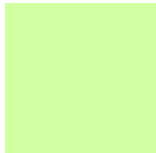


Deuteranomaly
95, 21.983, 112.366

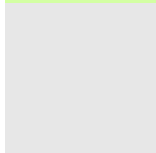


Tritanomaly
95, 15.923, 141.807

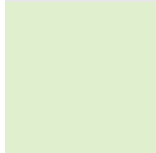
Monochromacy



Original Color
95, 49.141, 126.578



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 18.444, 127.386

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 49.141, 126.578 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(211, 255, 163)` looks like.

```
.text, #text, p{  
    color:rgb(211, 255, 163)  
}
```

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(211, 255, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 255, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 49.141, 126.578 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(211, 255, 163) }
```

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

```
.border{ border-color:rgb(211, 255, 163) }
```

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

Here you see how a box with a 4 pixel rgb(211, 255, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 255, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 255, 163);  
box-shadow:4px 4px 4px 4px rgb(211, 255,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 49.141, 126.578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 255, 163) }
```

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

```
.background{ background-color: rgb(211,  
255, 163) }
```

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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