

Converting Colors

CIELCh(95, 52.942, 124.247)

Have a look what the booklet for
CIELCh(95, 52.942, 124.247)
contains.

CIELCh(95, 53.111, 124.462)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(95, 53.111, 124.462)

Conversions

Conversions Part 1

Format	Color
Hex	D4FF9A
RGB	212, 255, 154
RGB Percent	83%, 100%, 60%
CMY	0.1697, 0.0011, 0.3971
CMYK	0.17, 0.00, 0.40, 0.00
HSL	86°, 99%, 80%
HSV	86°, 40%, 100%
XYZ	68.5505, 87.6183, 43.7556
YIQ	230.6290, 6.7930, -40.5270

Conversions

Conversions Part 2

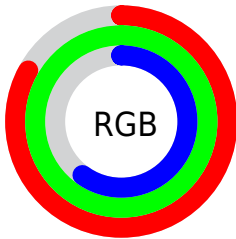
Format	Color
RYB	154, 255, 197
Decimal	13959066
CIELab	95.00, -30.05, 43.79
CIElCh	95, 53.111, 124.462
Yxy	87.6183, 0.3429, 0.4383
Android (android.graphics.Color)	4292149146 (0xFFD4FF9A)
YUV	230.6290, -37.7781, -16.3376
Hunter-Lab	93.6047, -33.0854, 37.8081

Details

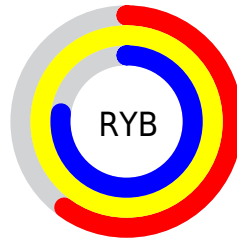
The CIELCh color **95, 53.111, 124.462** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **71, 56.862, 308.701**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 22.729, 108.455**, and **75, 53.081, 124.348** is the 20% darker color. If you saturate the color by 10%, you get **94, 65.750, 124.022**, and if you desaturate by 10%, it is **96, 39.977, 124.961**.

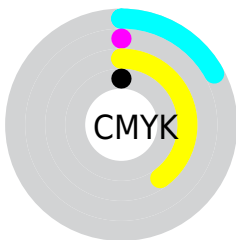
Distribution



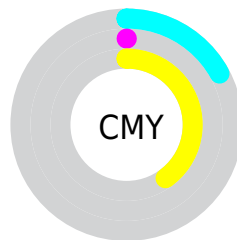
- Red (83%)
- Green (100%)
- Blue (60%)



- Red (60%)
- Yellow (100%)
- Blue (77%)



- Cyan (17%)
- Magenta (0%)
- Yellow (40%)
- Black (0%)





- Cyan (17%)
- Magenta (0%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 53.111, 124.462 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, 53.111, 124.462 by changing the saturation by 10% instead.


 95, 53.111,
124.462


 95, 53.111,
124.462


 100, 53.111,
124.462


 85, 53.111,
124.462

 75, 53.111,
124.462

 65, 53.111,
124.462

 55, 53.111,
124.462

 45, 53.111,
124.462

 35, 53.111,
124.462

 25, 53.111,

124.462

■ 15, 53.111,
124.462

■ 5, 53.111, 124.462

■ 95, 53.111,
124.462

■ 95, 53.111,
124.462

■ 94, 65.750,
124.022

■ 96, 39.977,
124.961

■ 93, 77.554,
123.700

■ 97, 26.569,
125.475

■ 92, 88.057,
123.590

■ 99, 13.044,
125.982

■ 92, 96.669,
123.817

100, 0.183,
322.755

■ 91, 102.839,
124.502

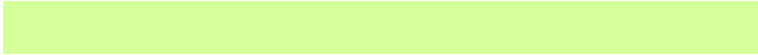
■ 91, 106.555,
125.658

■ 91, 106.670,
125.700

Harmonies

Complementary

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



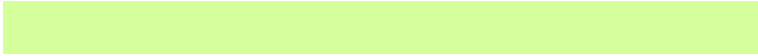
95, 53.111, 124.462



71, 56.862, 308.701

Rectangle

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



95, 53.111, 124.462



95, 53.111, 174.462



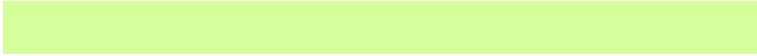
95, 53.111, 304.462



95, 53.111, 354.462

Sweetspot

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



95, 53.113, 124.464



98, 16.249, 125.864



83, 33.206, 61.710



52, 10.779, 125.798



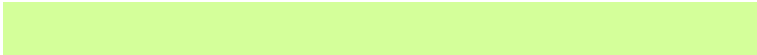
0, 0.000, 0.000



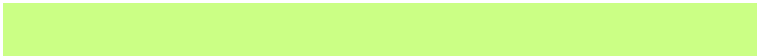
53, 0.007, 296.813

Same Dimension

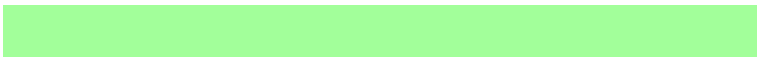
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 53.113, 124.464



94, 63.775, 124.088



92, 61.249, 139.518



53, 7.696, 125.989



70, 85.776, 125.416



24, 38.263, 123.849

Inverse Universe

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



71, 56.862, 308.701



65, 69.450, 309.248



76, 61.546, 324.111



49, 7.820, 306.897



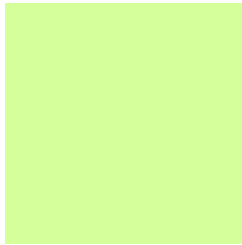
28, 102.131, 310.318



5, 44.914, 310.871

Previews

White Background



This preview shows how the CIELCh color 95, 53.111, 124.462 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, 53.111, 124.462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

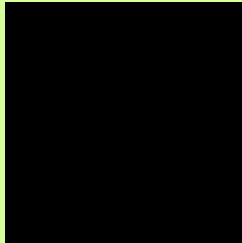
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 53.111, 124.462

Background



This preview shows how black text looks on a background with the CIELCh color 95, 53.111, 124.462.

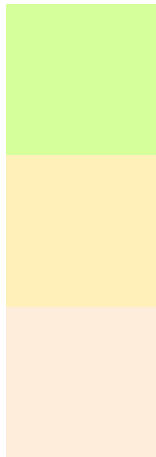


This preview shows how white text looks on a background with the CIELCh color 95, 53.111, 124.462.

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, 53.111, 124.462

Protanopia

95, 28.634, 96.258

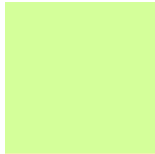
Deuteranopia

95, 10.942, 72.148

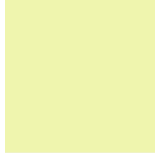


Tritanopia
95, 7.901, 265.189

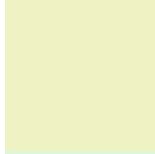
Trichromacy



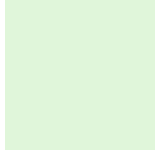
Original Color
95, 53.111, 124.462



Protanomaly
95, 36.010, 111.052

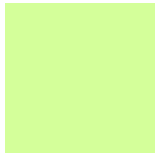


Deuteranomaly
94, 24.002, 111.895

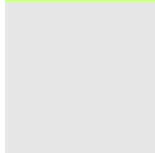


Tritanomaly
95, 16.446, 137.866

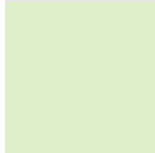
Monochromacy



Original Color
95, 53.111, 124.462



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 19.919, 125.933

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 53.111, 124.462 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, 154)` looks like.

```
.text, #text, p{  
    color:rgb(212, 255, 154)  
}
```

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, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 255, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 53.111, 124.462 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, 154) }
```

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

```
.border{ border-color:rgb(212, 255, 154) }
```

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, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 255, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 255, 154);  
box-shadow:4px 4px 4px 4px rgb(212, 255,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 53.111, 124.462 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, 154) }
```

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

```
.background{ background-color: rgb(212,  
255, 154) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor