

Converting Colors

CIELCh(95, 53.483, 124.038)

Have a look what the booklet for
CIELCh(95, 53.483, 124.038)
contains.

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Color

CIELCh(95, 53.565, 124.285)

Conversions

Conversions Part 1

Format	Color
Hex	D4FF99
RGB	212, 255, 153
RGB Percent	83%, 100%, 60%
CMY	0.1696, 0.0009, 0.4009
CMYK	0.17, 0.00, 0.40, 0.00
HSL	85°, 100%, 80%
HSV	85°, 40%, 100%
XYZ	68.4953, 87.6183, 43.3409
YIQ	230.5150, 7.1140, -40.8380

Conversions

Conversions Part 2

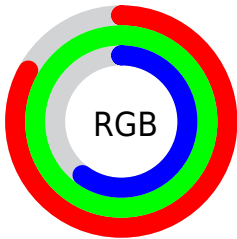
Format	Color
RYB	153, 255, 196
Decimal	13959065
CIELab	95.00, -30.17, 44.26
CIELCh	95, 53.565, 124.285
Yxy	87.6183, 0.3434, 0.4393
Android (android.graphics.Color)	4292149145 (0xFFD4FF99)
YUV	230.5150, -38.2149, -16.2377
Hunter-Lab	93.6047, -33.1906, 38.0708

Details

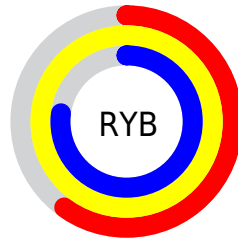
The CIELCh color **95, 53.565, 124.285** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **71, 57.426, 308.593**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 23.732, 108.378**, and **75, 53.532, 124.161** is the 20% darker color. If you saturate the color by 10%, you get **94, 66.164, 123.847**, and if you desaturate by 10%, it is **96, 40.459, 124.784**.

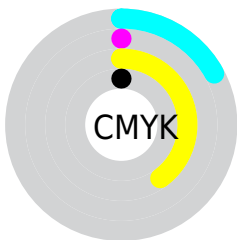
Distribution



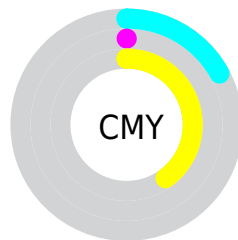
- Red (83%)
- Green (100%)
- Blue (60%)



- 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, 53.565, 124.285 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, 53.565, 124.285 by changing the saturation by 10% instead.


 95, 53.565,
124.285


 95, 53.565,
124.285


 100, 53.565,
124.285


 85, 53.565,
124.285

 75, 53.565,
124.285

 65, 53.565,
124.285

 55, 53.565,
124.285

 45, 53.565,
124.285

 35, 53.565,
124.285

 25, 53.565,

124.285

■ 15, 53.565,
124.285

■ 5, 53.565, 124.285

■ 95, 53.565,
124.285

■ 95, 53.565,
124.285

■ 94, 66.164,
123.847

■ 96, 40.459,
124.784

■ 93, 77.914,
123.531

■ 97, 27.071,
125.300

■ 92, 88.340,
123.431

■ 99, 13.559,
125.810

■ 92, 96.851,
123.672

100, 0.032,
129.774

■ 91, 102.903,
124.376

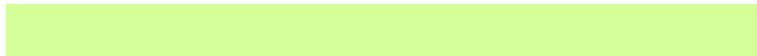
100, 0.158,
322.483

■ 91, 106.532,
125.537

Harmonies

Complementary

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



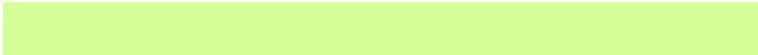
95, 53.565, 124.285



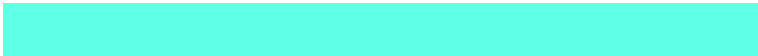
71, 57.426, 308.593

Rectangle

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



95, 53.565, 124.285



95, 53.565, 174.285



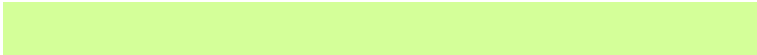
95, 53.565, 304.285



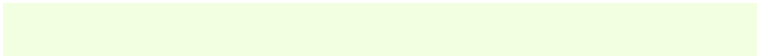
95, 53.565, 354.285

Sweetspot

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



95, 53.567, 124.287



98, 16.235, 125.710



83, 33.576, 61.671



52, 10.769, 125.644



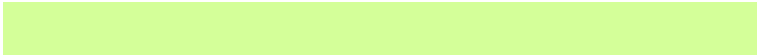
0, 0.000, 0.000



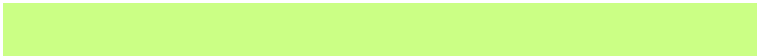
53, 0.007, 296.813

Same Dimension

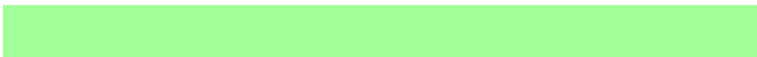
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 53.567, 124.287



94, 63.709, 123.929



92, 61.834, 139.485



53, 7.690, 125.836



70, 85.657, 125.252



24, 38.217, 123.688

Inverse Universe

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



71, 57.426, 308.593



65, 69.431, 309.120



76, 62.132, 324.128



49, 7.814, 306.749



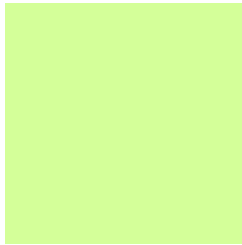
28, 102.219, 310.238



5, 44.912, 310.760

Previews

White Background



This preview shows how the CIELCh color 95, 53.565, 124.285 looks on a white background.

Color Contrast Check

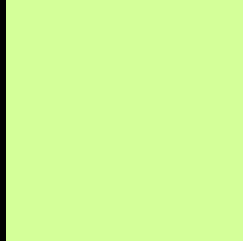
Large Text (above 18pt) WCAG AA × Fail

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, 53.565, 124.285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

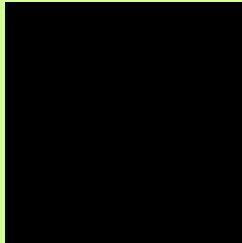
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

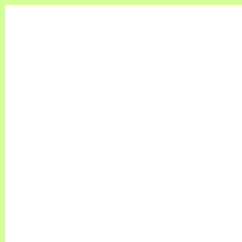
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 53.565, 124.285

Background



This preview shows how black text looks on a background with the CIELCh color 95, 53.565, 124.285.

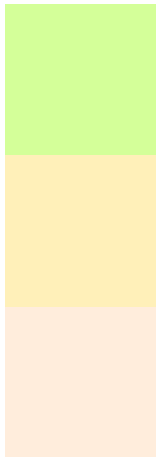


This preview shows how white text looks on a background with the CIELCh color 95, 53.565, 124.285.

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, 53.565, 124.285

Protanopia
95, 28.634, 96.258

Deuteranopia
95, 10.942, 72.148

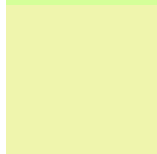


Tritanopia
95, 7.901, 265.189

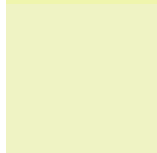
Trichromacy



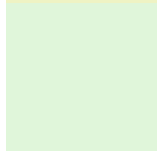
Original Color
95, 53.565, 124.285



Protanomaly
95, 36.505, 110.967



Deuteranomaly
94, 24.002, 111.895

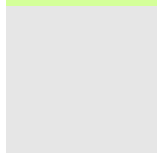


Tritanomaly
95, 16.446, 137.866

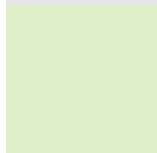
Monochromacy



Original Color
95, 53.565, 124.285



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, 53.565, 124.285 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, 153)` looks like.

```
.text, #text, p{  
    color:rgb(212, 255, 153)  
}
```

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, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 255, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 53.565, 124.285 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, 153) }
```

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

```
.border{ border-color:rgb(212, 255, 153) }
```

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, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 255, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 255, 153);  
box-shadow:4px 4px 4px 4px rgb(212, 255,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 53.565, 124.285 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, 153) }
```

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

```
.background{ background-color: rgb(212,  
255, 153) }
```

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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