

Converting Colors

CIELCh(95, 52.451, 124.873)

Have a look what the booklet for
CIELCh(95, 52.451, 124.873)
contains.

CIELCh(95, 52.784, 125.017)	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, 52.784, 125.017)

Conversions

Conversions Part 1

Format	Color
Hex	D3FF9B
RGB	211, 255, 155
RGB Percent	83%, 100%, 61%
CMY	0.1731, 0.0005, 0.3927
CMYK	0.17, 0.00, 0.39, 0.00
HSL	86°, 100%, 80%
HSV	86°, 39%, 100%
XYZ	68.4427, 87.6183, 44.2565
YIQ	230.4440, 5.8760, -40.4280

Conversions

Conversions Part 2

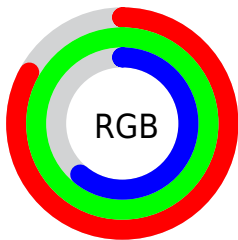
Format	Color
R_{YB}	155, 255, 199
Decimal	13893531
CIE _{Lab}	95.00, -30.29, 43.23
CIE _{LCh}	95, 52.784, 125.017
Y _{xy}	87.6183, 0.3417, 0.4374
Android (android.graphics.Color)	4292083611 (0xFFD3FF9B)
YUV	230.4440, -37.1939, -17.0524
Hunter-Lab	93.6047, -33.2909, 37.4908

Details

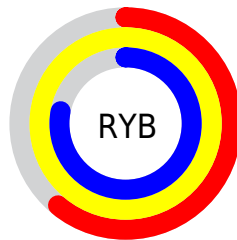
The CIELCh color **95, 52.784, 125.017** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **71, 56.357, 309.130**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 22.227, 108.494**, and **75, 52.767, 124.930** is the 20% darker color. If you saturate the color by 10%, you get **94, 65.508, 124.576**, and if you desaturate by 10%, it is **96, 39.578, 125.513**.

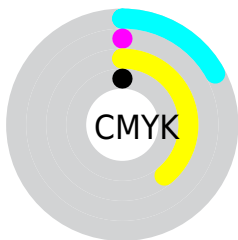
Distribution



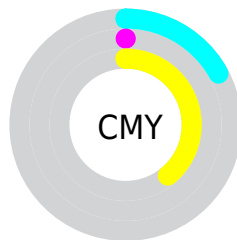
- Red (83%)
- Green (100%)
- Blue (61%)



- Red (61%)
- Yellow (100%)
- Blue (78%)



- Cyan (17%)
- Magenta (0%)
- Yellow (39%)
- Black (0%)





- Cyan (17%)
- Magenta (0%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 52.784, 125.017 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, 52.784, 125.017 by changing the saturation by 10% instead.


 95, 52.784,
125.017


 95, 52.784,
125.017


 100, 52.784,
125.017


 85, 52.784,
125.017

 75, 52.784,
125.017

 65, 52.784,
125.017

 55, 52.784,
125.017

 45, 52.784,
125.017

 35, 52.784,
125.017

 25, 52.784,

125.017

■ 15, 52.784,
125.017

■ 5, 52.784, 125.017

■ 95, 52.784,
125.017

■ 95, 52.784,
125.017

■ 94, 65.508,
124.576

■ 96, 39.578,
125.513

■ 93, 77.414,
124.249

■ 97, 26.109,
126.021

■ 92, 88.041,
124.130

■ 99, 12.531,
126.522

■ 92, 96.803,
124.341

100, 0.096,
321.214

■ 91, 103.139,
125.008

■ 90, 106.980,
126.155

■ 90, 107.230,
126.247

Harmonies

Complementary

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



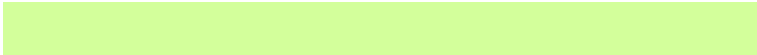
95, 52.784, 125.017



71, 56.357, 309.130

Rectangle

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



95, 52.784, 125.017



95, 52.784, 175.017



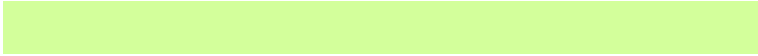
95, 52.784, 305.017



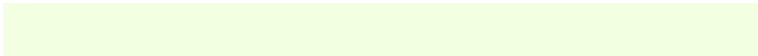
95, 52.784, 355.017

Sweetspot

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



95, 52.786, 125.019



98, 16.298, 126.385



84, 32.907, 63.523



52, 10.811, 126.319



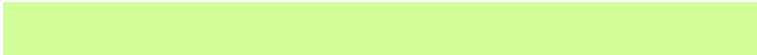
0, 0.000, 0.000



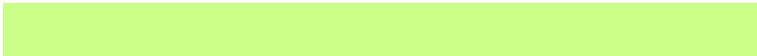
53, 0.007, 296.813

Same Dimension

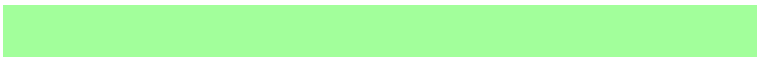
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 52.786, 125.019



94, 62.750, 124.668



92, 60.975, 139.945



53, 7.719, 126.508



70, 86.184, 125.961



24, 38.422, 124.390

Inverse Universe

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



71, 56.357, 309.130



66, 68.022, 309.621



76, 61.181, 324.590



49, 7.840, 307.399



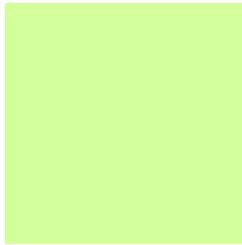
29, 101.827, 310.595



6, 44.920, 311.250

Previews

White Background



This preview shows how the CIELCh color 95, 52.784, 125.017 looks on a white background.

Color Contrast Check

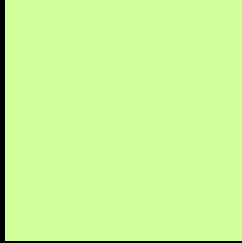
Large Text (above 18pt) WCAG AA × Fail

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, 52.784, 125.017 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, 52.784, 125.017

Background



This preview shows how black text looks on a background with the CIELCh color 95, 52.784, 125.017.

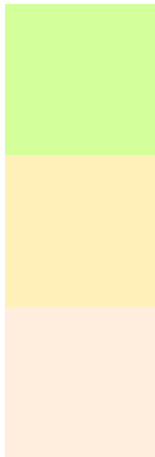


This preview shows how white text looks on a background with the CIELCh color 95, 52.784, 125.017.

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, 52.784, 125.017

Protanopia
95, 28.634, 96.258

Deuteranopia
95, 10.532, 70.536

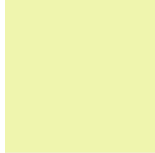


Tritanopia
95, 8.045, 262.999

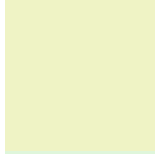
Trichromacy



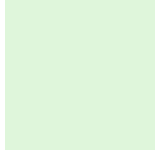
Original Color
95, 52.784, 125.017



Protanomaly
95, 36.010, 111.052

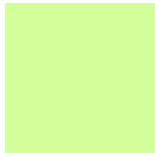


Deuteranomaly
95, 23.498, 112.008

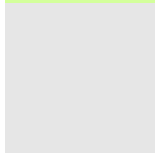


Tritanomaly
95, 16.182, 139.808

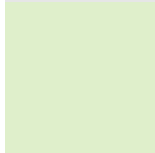
Monochromacy



Original Color
95, 52.784, 125.017



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 19.432, 126.394

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 52.784, 125.017 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, 155)` looks like.

```
.text, #text, p{  
    color:rgb(211, 255, 155)  
}
```

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, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 255, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 52.784, 125.017 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, 155) }
```

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

```
.border{ border-color:rgb(211, 255, 155) }
```

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, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 255, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 255, 155);  
box-shadow:4px 4px 4px 4px rgb(211, 255,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 52.784, 125.017 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, 155) }
```

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

```
.background{ background-color: rgb(211,  
255, 155) }
```

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