

Converting Colors

CIELCh(95, 50.510, 128.513)

Have a look what the booklet for
CIELCh(95, 50.510, 128.513)
contains.

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Color

CIELCh(95, 50.297, 128.292)

Conversions

Conversions Part 1

Format	Color
Hex	CEFFA2
RGB	206, 255, 162
RGB Percent	81%, 100%, 64%
CMY	0.1904, 0.0000, 0.3630
CMYK	0.19, 0.00, 0.36, 0.00
HSL	91°, 100%, 82%
HSV	91°, 36%, 100%
XYZ	68.0407, 87.6183, 47.7056
YIQ	229.7470, 0.6490, -39.3110

Conversions

Conversions Part 2

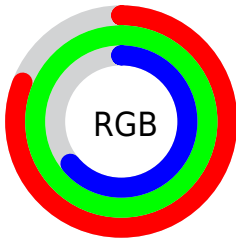
Format	Color
RYB	162, 255, 211
Decimal	13565858
CIELab	95.00, -31.17, 39.48
CIElCh	95, 50.297, 128.292
Yxy	87.6183, 0.3346, 0.4308
Android (android.graphics.Color)	4291755938 (0xFFCEFFA2)
YUV	229.7470, -33.3993, -20.8261
Hunter-Lab	93.6047, -34.0574, 35.3061

Details

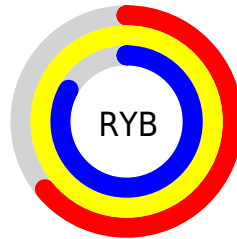
The CIELCh color **95, 50.297, 128.292** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **74, 52.566, 311.685**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 18.707, 108.762**, and **75, 50.330, 128.357** is the 20% darker color. If you saturate the color by 10%, you get **94, 63.268, 127.755**, and if you desaturate by 10%, it is **96, 36.410, 128.707**.

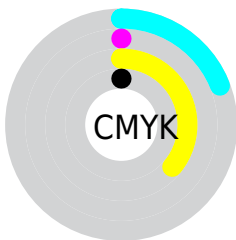
Distribution



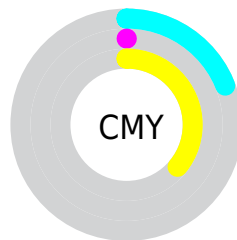
- Red (81%)
- Green (100%)
- Blue (64%)



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



- Cyan (19%)
- Magenta (0%)
- Yellow (36%)
- Black (0%)





- Cyan (19%)
- Magenta (0%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 50.297, 128.292 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, 50.297, 128.292 by changing the saturation by 10% instead.


 95, 50.297,
128.292


 95, 50.297,
128.292


 100, 50.297,
128.292


 85, 50.297,
128.292


 75, 50.297,
128.292

 65, 50.297,
128.292

 55, 50.297,
128.292

 45, 50.297,
128.292

 35, 50.297,
128.292

 25, 50.297,

128.292

■ 15, 50.297,
128.292

■ 5, 50.297, 128.292

■ 95, 50.297,
128.292

■ 95, 50.297,
128.292

■ 94, 63.268,
127.755

■ 96, 36.410,
128.707

■ 93, 75.792,
127.375

■ 98, 22.586,
129.194

■ 92, 87.181,
127.162

■ 99, 8.712, 129.664

■ 91, 96.875,
127.234

100, 0.012,
296.813

■ 90, 104.270,
127.723

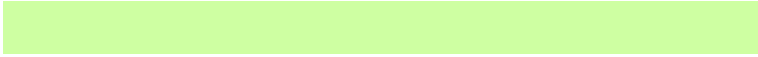
■ 90, 109.014,
128.717

■ 90, 110.306,
129.151

Harmonies

Complementary

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



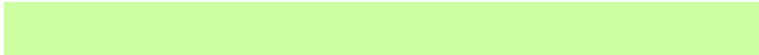
95, 50.297, 128.292



74, 52.566, 311.685

Rectangle

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



95, 50.297, 128.292



95, 50.297, 178.292



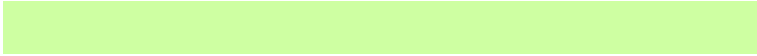
95, 50.297, 308.292



95, 50.297, 358.292

Sweetspot

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



95, 50.040, 128.217



98, 15.227, 129.445



87, 31.038, 72.546



52, 10.234, 129.381



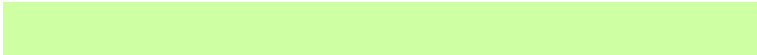
0, 0.000, 0.000



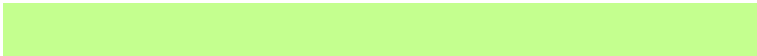
53, 0.007, 296.813

Same Dimension

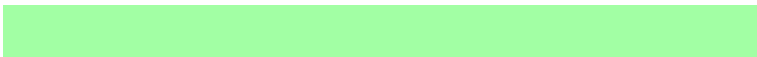
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 50.040, 128.217



94, 60.270, 127.856



93, 57.122, 142.162



52, 7.867, 129.515



69, 88.591, 128.870



23, 39.386, 127.345

Inverse Universe

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



74, 52.566, 311.685



69, 64.054, 312.087



79, 57.049, 326.877



49, 7.971, 310.329



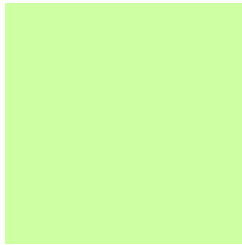
31, 100.002, 312.442



6, 44.869, 313.555

Previews

White Background



This preview shows how the CIELCh color 95, 50.297, 128.292 looks on a white background.

Color Contrast Check

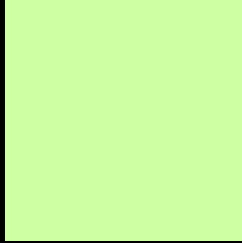
Large Text (above 18pt) WCAG AA × Fail

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, 50.297, 128.292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

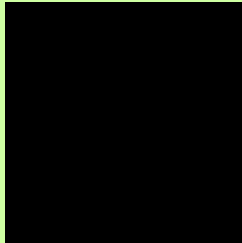
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

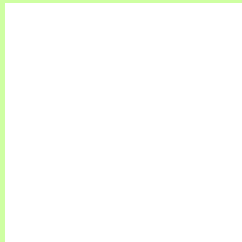
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 50.297, 128.292

Background



This preview shows how black text looks on a background with the CIELCh color 95, 50.297, 128.292.

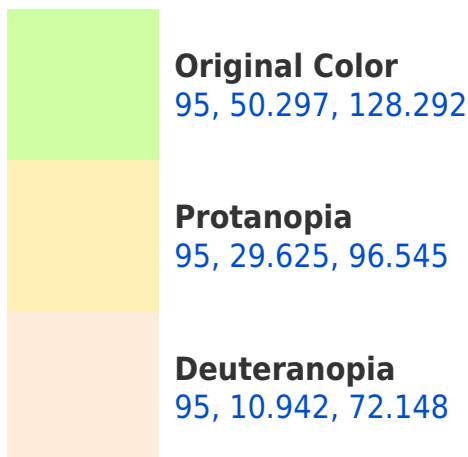


This preview shows how white text looks on a background with the CIELCh color 95, 50.297, 128.292.

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](#).

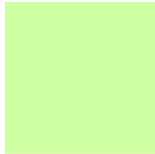
Dichromacy



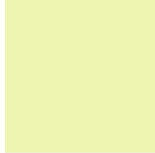


Tritanopia
95, 8.311, 252.920

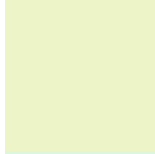
Trichromacy



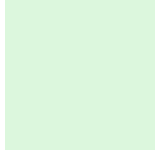
Original Color
95, 50.297, 128.292



Protanomaly
95, 35.087, 112.478

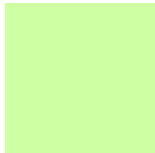


Deuteranomaly
95, 23.089, 114.903

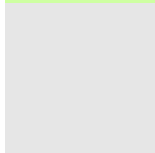


Tritanomaly
95, 16.536, 144.798

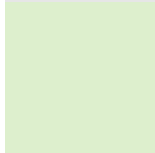
Monochromacy



Original Color
95, 50.297, 128.292



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 18.717, 129.466

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 50.297, 128.292 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(206, 255, 162)` looks like.

```
.text, #text, p{  
    color:rgb(206, 255, 162)  
}
```

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(206, 255, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 255, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 50.297, 128.292 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(206, 255, 162) }
```

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

```
.border{ border-color:rgb(206, 255, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 255, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 255, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 255, 162);  
box-shadow:4px 4px 4px 4px rgb(206, 255,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 50.297, 128.292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 255, 162) }
```

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

```
.background{ background-color: rgb(206,  
255, 162) }
```

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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