

Converting Colors

CIELCh(95, 36.575, 145.876)

Have a look what the booklet for
CIELCh(95, 36.575, 145.876)
contains.

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Color

CIELCh(95, 35.949, 145.963)

Conversions

Conversions Part 1

Format	Color
Hex	C2FFC9
RGB	194, 255, 201
RGB Percent	76%, 100%, 79%
CMY	0.2404, 0.0000, 0.2130
CMYK	0.24, 0.00, 0.21, 0.00
HSL	127°, 100%, 88%
HSV	127°, 24%, 100%
XYZ	68.6713, 87.6183, 68.3628
YIQ	230.6050, -19.0220, -29.7260

Conversions

Conversions Part 2

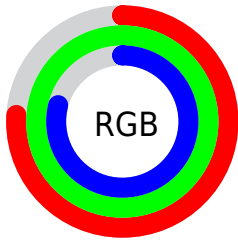
Format	Color
RYB	194, 249, 255
Decimal	12779465
CIELab	95.00, -29.79, 20.12
CIELCh	95, 35.949, 145.963
Yxy	87.6183, 0.3057, 0.3900
Android (android.graphics.Color)	4290969545 (0xFFC2FFC9)
YUV	230.6050, -14.5953, -32.1026
Hunter-Lab	93.6047, -32.8550, 22.2217

Details

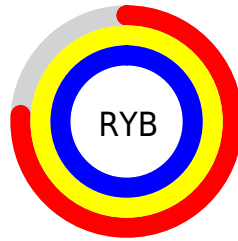
The CIELCh color **95, 35.949, 145.963** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **85, 35.573, 329.125**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 1.389, 199.794**, and **75, 35.278, 146.206** is the 20% darker color. If you saturate the color by 10%, you get **93, 50.155, 145.106**, and if you desaturate by 10%, it is **97, 20.687, 146.812**.

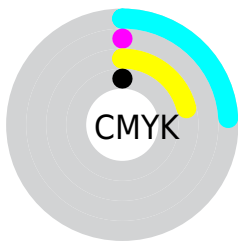
Distribution



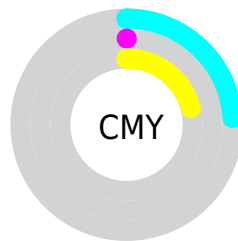
- Red (76%)
- Green (100%)
- Blue (79%)



- Red (76%)
- Yellow (98%)
- Blue (100%)



- Cyan (24%)
- Magenta (0%)
- Yellow (21%)
- Black (0%)





- Cyan (24%)
- Magenta (0%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 35.949, 145.963 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, 35.949, 145.963 by changing the saturation by 10% instead.


 95, 35.949,
145.963


 95, 35.949,
145.963


 100, 35.949,
145.963


 85, 35.949,
145.963

 75, 35.949,
145.963

 65, 35.949,
145.963

 55, 35.949,
145.963

 45, 35.949,
145.963

 35, 35.949,
145.963

 25, 35.949,

145.963

■ 15, 35.949,
145.963

■ 5, 35.949, 145.963

■ 95, 35.949,
145.963

■ 95, 35.949,
145.963

■ 93, 50.155,
145.106

■ 97, 20.687,
146.812

■ 92, 64.332,
144.048

■ 99, 5.906, 147.521

■ 90, 77.699,
142.844

100, 0.012,
296.813

■ 89, 89.861,
141.511

■ 89, 100.393,
140.100

■ 88, 108.864,
138.703

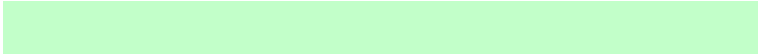
■ 88, 114.908,
137.452

■ 88, 117.325,
136.868

Harmonies

Complementary

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



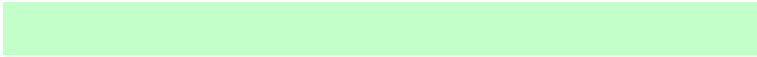
95, 35.949, 145.963



85, 35.573, 329.125

Rectangle

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



95, 35.949, 145.963



95, 35.949, 195.963



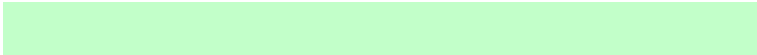
95, 35.949, 325.963



95, 35.949, 15.963

Sweetspot

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



95, 35.511, 146.023



98, 10.269, 147.309



98, 30.976, 112.127



52, 6.676, 147.267



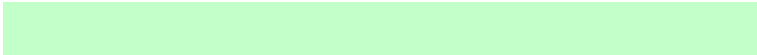
0, 0.000, 0.000



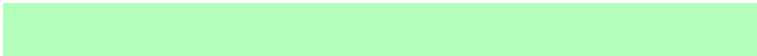
53, 0.007, 296.813

Same Dimension

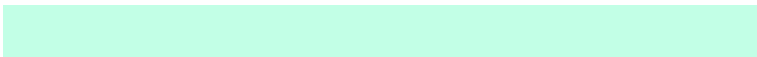
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 35.511, 146.023



94, 42.816, 145.585



95, 24.622, 167.118



52, 8.356, 147.135



68, 94.065, 137.059



22, 41.337, 139.020

Inverse Universe

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



85, 35.573, 329.125



82, 42.874, 329.428



84, 25.828, 351.817



50, 8.374, 328.238



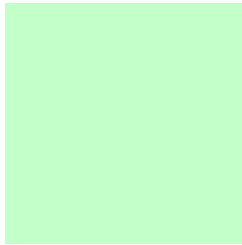
44, 85.100, 333.380



12, 39.573, 332.691

Previews

White Background



This preview shows how the CIE LCh color 95, 35.949, 145.963 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, 35.949, 145.963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

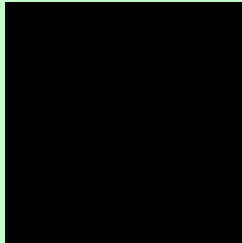
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

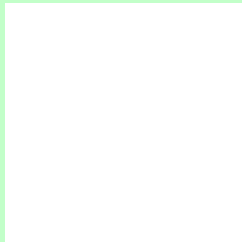
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 35.949, 145.963

Background



This preview shows how black text looks on a background with the CIELCh color 95, 35.949, 145.963.

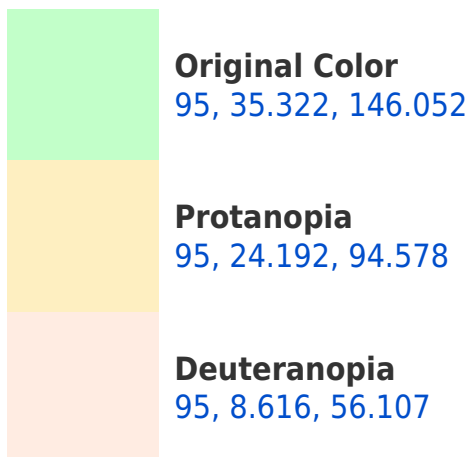


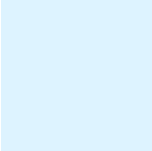
This preview shows how white text looks on a background with the CIELCh color 95, 35.949, 145.963.

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



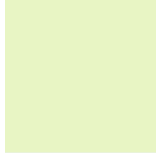


Tritanopia
95, 9.532, 239.542

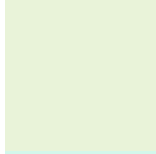
Trichromacy



Original Color
95, 35.322, 146.052



Protanomaly
95, 25.444, 119.261

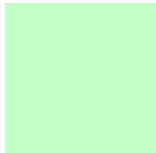


Deuteranomaly
94, 13.817, 124.406

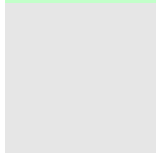


Tritanomaly
94, 14.003, 172.356

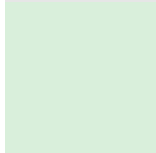
Monochromacy



Original Color
95, 35.322, 146.052



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 13.045, 146.459

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 35.949, 145.963 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(194, 255, 201)` looks like.

```
.text, #text, p{  
    color:rgb(194, 255, 201)  
}
```

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(194, 255, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 255, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 35.949, 145.963 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(194, 255, 201) }
```

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

```
.border{ border-color:rgb(194, 255, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 255, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 255, 201); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 255, 201); box-shadow:4px 4px 4px 4px rgb(194, 255, 201) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 35.949, 145.963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 255, 201) }
```

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

```
.background{ background-color: rgb(194,  
255, 201) }
```

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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