

Converting Colors

CIELCh(95, 36.064, 143.666)

Have a look what the booklet for
CIELCh(95, 36.064, 143.666)
contains.

CIELCh(95, 35.938, 143.386)	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, 35.938, 143.386)

Conversions

Conversions Part 1

Format	Color
Hex	C5FFC6
RGB	197, 255, 198
RGB Percent	77%, 100%, 78%
CMY	0.2267, 0.0000, 0.2228
CMYK	0.23, 0.00, 0.22, 0.00
HSL	121°, 100%, 89%
HSV	121°, 23%, 100%
XYZ	69.1055, 87.6183, 66.8030
YIQ	231.1600, -16.2710, -30.0230

Conversions

Conversions Part 2

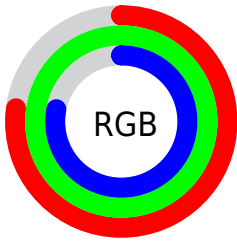
Format	Color
RYB	197, 254, 255
Decimal	12976070
CIELab	95.00, -28.85, 21.43
CIElCh	95, 35.938, 143.386
Yxy	87.6183, 0.3092, 0.3920
Android (android.graphics.Color)	4291166150 (0xFFC5FFC6)
YUV	231.1600, -16.3479, -29.9583
Hunter-Lab	93.6047, -32.0270, 23.2096

Details

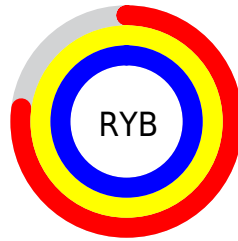
The CIELCh color **95, 35.938, 143.386** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **86, 35.846, 326.158**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.347, 201.292**, and **75, 35.921, 143.452** is the 20% darker color. If you saturate the color by 10%, you get **93, 51.511, 142.525**, and if you desaturate by 10%, it is **97, 19.964, 144.140**.

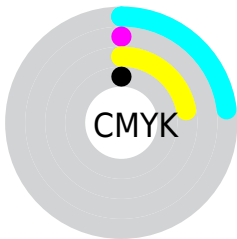
Distribution



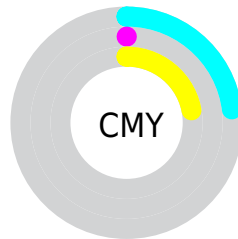
- Red (77%)
- Green (100%)
- Blue (78%)



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



- Cyan (23%)
- Magenta (0%)
- Yellow (22%)
- Black (0%)





- Cyan (23%)
- Magenta (0%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 35.938, 143.386 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, 35.938, 143.386 by changing the saturation by 10% instead.


 95, 35.938,
143.386


 95, 35.938,
143.386


 100, 35.938,
143.386


 85, 35.938,
143.386

 75, 35.938,
143.386

 65, 35.938,
143.386

 55, 35.938,
143.386

 45, 35.938,
143.386

 35, 35.938,
143.386

 25, 35.938,

143.386

■ 15, 35.938,
143.386

■ 5, 35.938, 143.386

■ 95, 35.938,
143.386

■ 95, 35.938,
143.386

■ 93, 51.511,
142.525

■ 97, 19.964,
144.140

■ 92, 66.690,
141.530

■ 99, 4.176, 144.828

■ 90, 80.945,
140.420

100, 0.012,
296.813

■ 89, 93.763,
139.241

■ 89, 104.551,
138.081

■ 88, 112.688,
137.076

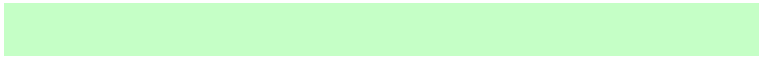
■ 88, 117.708,
136.373

■ 88, 119.505,
136.110

Harmonies

Complementary

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



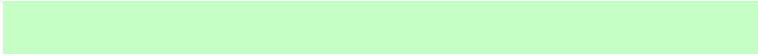
95, 35.938, 143.386



86, 35.846, 326.158

Rectangle

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



95, 35.938, 143.386



95, 35.938, 193.386



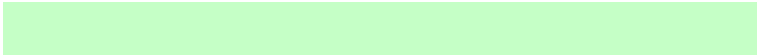
95, 35.938, 323.386



95, 35.938, 13.386

Sweetspot

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



95, 35.825, 143.393



98, 10.983, 144.522



99, 29.145, 108.680



52, 7.140, 144.482



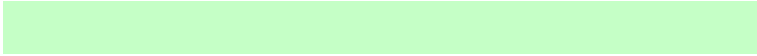
0, 0.000, 0.000



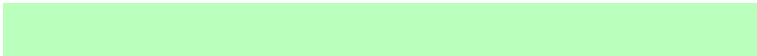
53, 0.007, 296.813

Same Dimension

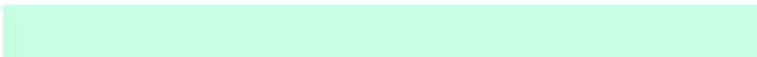
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 35.825, 143.393



94, 42.649, 143.033



96, 24.752, 162.501



52, 8.938, 144.356



68, 96.159, 136.151



22, 43.444, 137.099

Inverse Universe

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



86, 35.846, 326.158



84, 42.658, 326.396



85, 25.531, 346.631



50, 8.951, 325.412



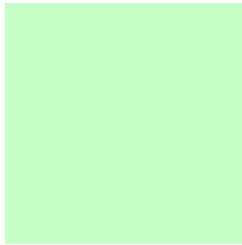
45, 91.830, 328.932



12, 42.315, 328.846

Previews

White Background



This preview shows how the CIE LCh color 95, 35.938, 143.386 looks on a white background.

Color Contrast Check

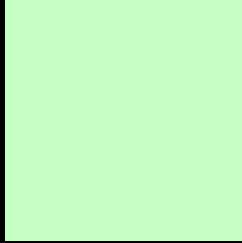
Large Text (above 18pt) WCAG AA × Fail

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, 35.938, 143.386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

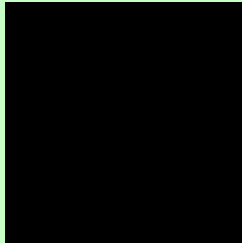
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

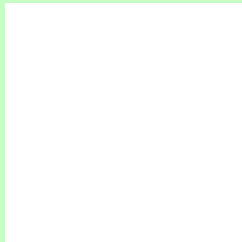
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 35.938, 143.386

Background



This preview shows how black text looks on a background with the CIELCh color 95, 35.938, 143.386.

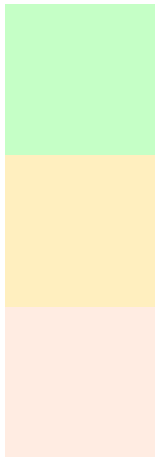


This preview shows how white text looks on a background with the CIELCh color 95, 35.938, 143.386.

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](#).

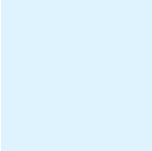
Dichromacy



Original Color
95, 35.938, 143.386

Protanopia
95, 25.277, 94.158

Deuteranopia
95, 8.616, 56.107

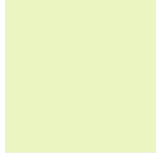


Tritanopia
95, 9.042, 242.269

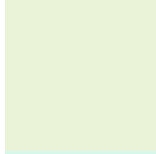
Trichromacy



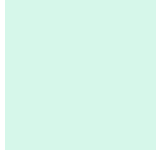
Original Color
95, 35.938, 143.386



Protanomaly
95, 26.296, 117.202

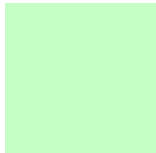


Deuteranomaly
95, 14.217, 122.447

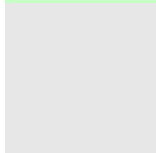


Tritanomaly
95, 13.378, 168.599

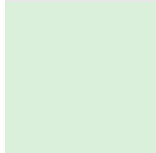
Monochromacy



Original Color
95, 35.938, 143.386



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 13.243, 143.948

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 35.938, 143.386 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(197, 255, 198)` looks like.

```
.text, #text, p{  
    color:rgb(197, 255, 198)  
}
```

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(197, 255, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 255, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 35.938, 143.386 is called "border". The border property can be set on classes, ids or directly on the HTML element.

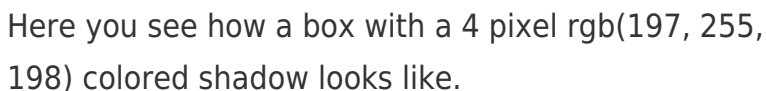
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 255, 198) }
```

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

```
.border{ border-color:rgb(197, 255, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 255, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 255, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 255, 198);  
box-shadow:4px 4px 4px 4px rgb(197, 255,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 35.938, 143.386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 255, 198) }
```

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

```
.background{ background-color: rgb(197,  
255, 198) }
```

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