

Converting Colors

CIELCh(95, 46.316, 134.166)

Have a look what the booklet for
CIELCh(95, 46.316, 134.166)
contains.

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Color

CIELCh(95, 45.571, 134.207)

Conversions

Conversions Part 1

Format	Color
Hex	C8FFB0
RGB	200, 255, 176
RGB Percent	78%, 100%, 69%
CMY	0.2156, 0.0000, 0.3098
CMYK	0.22, 0.00, 0.31, 0.00
HSL	102°, 100%, 85%
HSV	102°, 31%, 100%
XYZ	67.7641, 87.6183, 54.4135
YIQ	229.5490, -7.4210, -36.2290

Conversions

Conversions Part 2

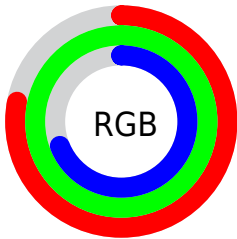
Format	Color
RYB	176, 255, 231
Decimal	13172656
CIELab	95.00, -31.77, 32.67
CIELCh	95, 45.571, 134.207
Yxy	87.6183, 0.3230, 0.4176
Android (android.graphics.Color)	4291362736 (0xFFC8FFB0)
YUV	229.5490, -26.3997, -25.9145
Hunter-Lab	93.6047, -34.5850, 31.0573

Details

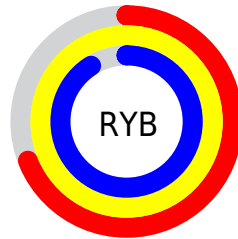
The CIELCh color **95, 45.571, 134.207** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **79, 46.031, 316.940**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 11.641, 109.297**, and **75, 44.779, 134.072** is the 20% darker color. If you saturate the color by 10%, you get **93, 59.148, 133.539**, and if you desaturate by 10%, it is **96, 30.467, 134.637**.

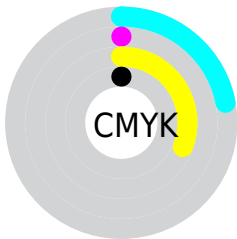
Distribution



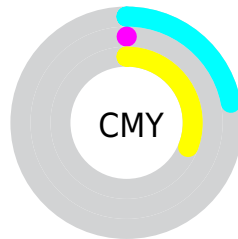
- Red (78%)
- Green (100%)
- Blue (69%)



- Red (69%)
- Yellow (100%)
- Blue (91%)



- Cyan (22%)
- Magenta (0%)
- Yellow (31%)
- Black (0%)




- Cyan (22%)
- Magenta (0%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 45.571, 134.207 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, 45.571, 134.207 by changing the saturation by 10% instead.


 95, 45.571,
134.207


 95, 45.571,
134.207


 100, 45.571,
134.207


 85, 45.571,
134.207

 75, 45.571,
134.207

 65, 45.571,
134.207

 55, 45.571,
134.207

 45, 45.571,
134.207

 35, 45.571,
134.207

 25, 45.571,

134.207

■ 15, 45.571,
134.207

■ 5, 45.571, 134.207

■ 95, 45.571,
134.207

■ 95, 45.571,
134.207

■ 93, 59.148,
133.539

■ 96, 30.467,
134.637

■ 92, 72.782,
132.989

■ 98, 15.904,
135.134

■ 91, 85.458,
132.512

■ 100, 1.403,
135.714

■ 90, 96.649,
132.207

■ 100, 0.012,
296.813

■ 89, 105.724,
132.203

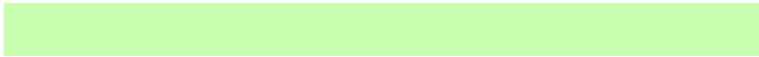
■ 89, 112.115,
132.621

■ 89, 115.628,
133.323

Harmonies

Complementary

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



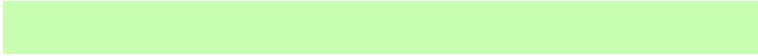
95, 45.571, 134.207



79, 46.031, 316.940

Rectangle

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



95, 45.571, 134.207



95, 45.571, 184.207



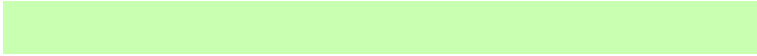
95, 45.571, 314.207



95, 45.571, 4.207

Sweetspot

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



95, 44.949, 134.100



98, 13.024, 135.228



92, 29.472, 88.431



52, 9.056, 135.159



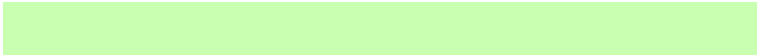
0, 0.000, 0.000



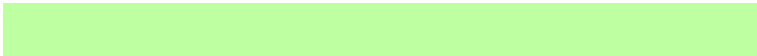
53, 0.007, 296.813

Same Dimension

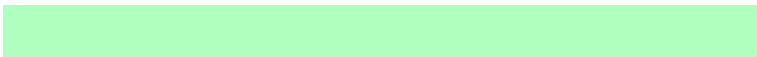
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 44.949, 134.100



94, 53.546, 133.764



94, 43.487, 147.570



52, 8.229, 135.204



68, 92.881, 133.104



23, 41.280, 131.988

Inverse Universe

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



79, 46.031, 316.940



75, 55.083, 317.199



81, 43.638, 331.931



50, 8.298, 315.986



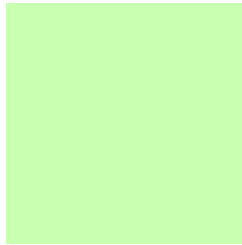
36, 96.539, 317.209



8, 44.119, 318.385

Previews

White Background



This preview shows how the CIE LCh color 95, 45.571, 134.207 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, 45.571, 134.207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

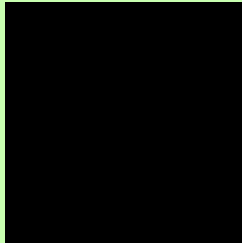
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

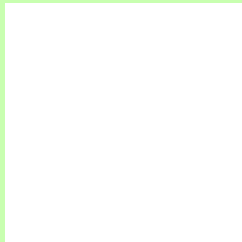
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 45.571, 134.207

Background



This preview shows how black text looks on a background with the CIELCh color 95, 45.571, 134.207.

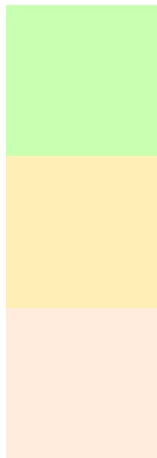


This preview shows how white text looks on a background with the CIELCh color 95, 45.571, 134.207.

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](#).

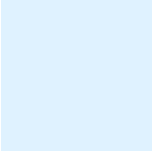
Dichromacy



Original Color
95, 44.955, 134.113

Protanopia
94, 29.730, 95.794

Deuteranopia
95, 10.388, 67.236

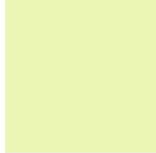


Tritanopia
94, 9.159, 246.184

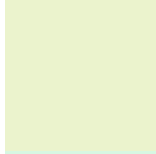
Trichromacy



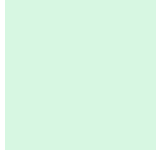
Original Color
95, 44.955, 134.113



Protanomaly
94, 33.193, 114.222

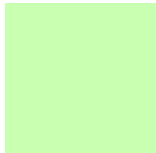


Deuteranomaly
94, 19.643, 117.347

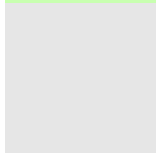


Tritanomaly
95, 15.720, 155.160

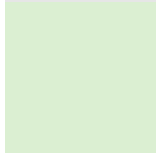
Monochromacy



Original Color
95, 44.955, 134.113



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 16.654, 134.887

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 45.571, 134.207 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(200, 255, 176)` looks like.

```
.text, #text, p{  
    color:rgb(200, 255, 176)  
}
```

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(200, 255, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 255, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 45.571, 134.207 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(200, 255, 176) }
```

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

```
.border{ border-color:rgb(200, 255, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 255, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 255, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 255, 176);  
box-shadow:4px 4px 4px 4px rgb(200, 255,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 45.571, 134.207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 255, 176) }
```

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

```
.background{ background-color: rgb(200,  
255, 176) }
```

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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