

Converting Colors

CIELCh(100, 53.885, 136.084)

Have a look what the booklet for
CIELCh(100, 53.885, 136.084)
contains.

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Color

CIELCh(95, 42.830, 134.519)

Conversions

Conversions Part 1

Format	Color
Hex	CAFFB4
RGB	202, 255, 180
RGB Percent	79%, 100%, 71%
CMY	0.2067, 0.0000, 0.2930
CMYK	0.21, 0.00, 0.29, 0.00
HSL	102°, 100%, 85%
HSV	102°, 29%, 100%
XYZ	68.5612, 87.6183, 56.6315
YIQ	230.6030, -7.5130, -34.5610

Conversions

Conversions Part 2

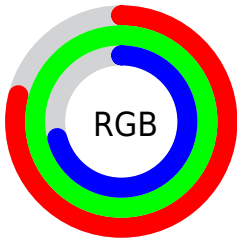
Format	Color
RYB	180, 255, 233
Decimal	13303732
CIELab	95.00, -30.03, 30.54
CIELCh	95, 42.830, 134.519
Yxy	87.6183, 0.3222, 0.4117
Android (android.graphics.Color)	4291493812 (0xFFCAFFB4)
YUV	230.6030, -24.9473, -25.0848
Hunter-Lab	93.6047, -33.0650, 29.6524

Details

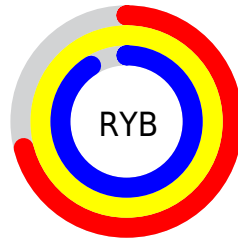
The CIELCh color **95, 42.830, 134.519** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **80, 43.583, 317.172**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 9.618, 109.449**, and **75, 42.587, 134.532** is the 20% darker color. If you saturate the color by 10%, you get **93, 56.957, 133.922**, and if you desaturate by 10%, it is **97, 28.099, 135.023**.

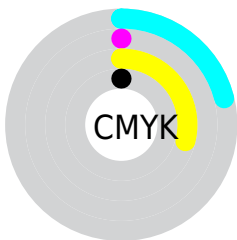
Distribution



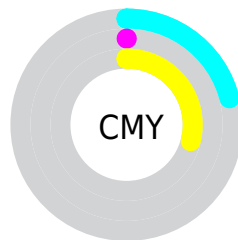
- Red (79%)
- Green (100%)
- Blue (71%)



- Red (71%)
- Yellow (100%)
- Blue (91%)



- Cyan (21%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)





- Cyan (21%)
- Magenta (0%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 42.830, 134.519 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, 42.830, 134.519 by changing the saturation by 10% instead.


 95, 42.830,
134.519


 95, 42.830,
134.519


 100, 42.830,
134.519


 85, 42.830,
134.519

 75, 42.830,
134.519

 65, 42.830,
134.519

 55, 42.830,
134.519

 45, 42.830,
134.519

 35, 42.830,
134.519

 25, 42.830,

134.519

■ 15, 42.830,
134.519

■ 5, 42.830, 134.519

■ 95, 42.830,
134.519

■ 95, 42.830,
134.519

■ 93, 56.957,
133.922

■ 97, 28.099,
135.023

■ 92, 70.748,
133.356

■ 98, 13.495,
135.518

■ 91, 83.650,
132.847

100, 0.012,
296.813

■ 90, 95.156,
132.487

■ 90, 104.641,
132.402

■ 89, 111.507,
132.719

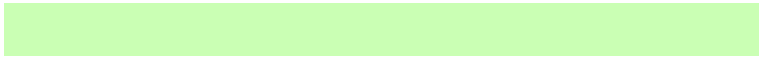
■ 88, 115.635,
133.444

■ 88, 115.872,
133.493

Harmonies

Complementary

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



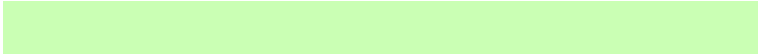
95, 42.830, 134.519



80, 43.583, 317.172

Rectangle

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



95, 42.830, 134.519



95, 42.830, 184.519



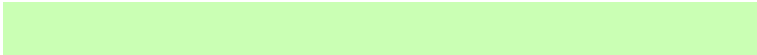
95, 42.830, 314.519



95, 42.830, 4.519

Sweetspot

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



95, 42.651, 134.488



98, 13.060, 135.532



93, 28.245, 89.958



52, 9.081, 135.462



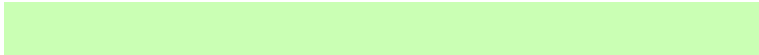
0, 0.000, 0.000



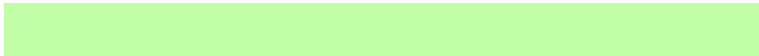
53, 0.007, 296.813

Same Dimension

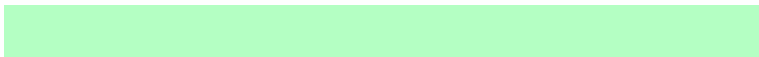
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 42.651, 134.488



94, 50.853, 134.167



94, 40.648, 148.285



52, 8.252, 135.508



68, 93.082, 133.279



23, 41.377, 132.197

Inverse Universe

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



80, 43.583, 317.172



77, 52.177, 317.419



82, 40.824, 332.427



50, 8.319, 316.292



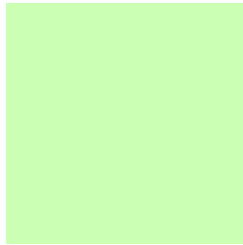
36, 96.366, 317.514



8, 44.055, 318.666

Previews

White Background



This preview shows how the CIE LCh color 95, 42.830, 134.519 looks on a white background.

Color Contrast Check

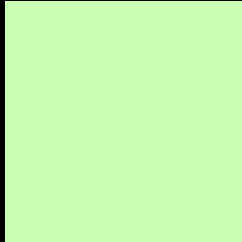
Large Text (above 18pt) WCAG AA × Fail

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, 42.830, 134.519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

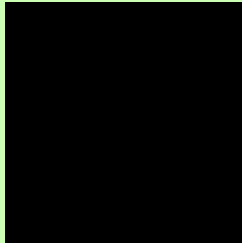
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

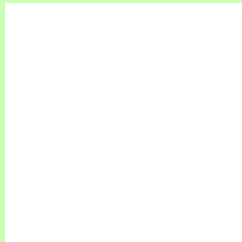
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 42.830, 134.519

Background



This preview shows how black text looks on a background with the CIELCh color 95, 42.830, 134.519.

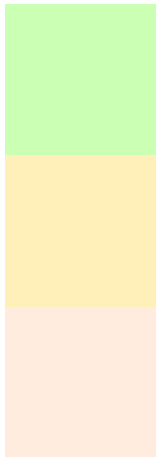


This preview shows how white text looks on a background with the CIELCh color 95, 42.830, 134.519.

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, 42.830, 134.519

Protanopia
95, 28.138, 96.105

Deuteranopia
95, 9.636, 63.288

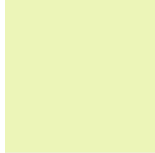


Tritanopia
95, 8.571, 245.311

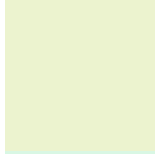
Trichromacy



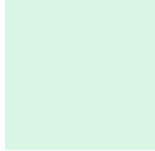
Original Color
95, 42.830, 134.519



Protanomaly
95, 31.161, 114.079



Deuteranomaly
94, 18.579, 116.755

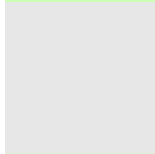


Tritanomaly
95, 14.484, 156.213

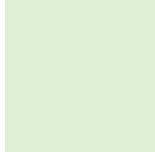
Monochromacy



Original Color
95, 42.830, 134.519



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 15.550, 135.371

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 42.830, 134.519 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(202, 255, 180)` looks like.

```
.text, #text, p{  
    color:rgb(202, 255, 180)  
}
```

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(202, 255, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 255, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 42.830, 134.519 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(202, 255, 180) }
```

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

```
.border{ border-color:rgb(202, 255, 180) }
```

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

Here you see how a box with a 4 pixel rgb(202, 255, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 255, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 255, 180);  
box-shadow:4px 4px 4px 4px rgb(202, 255,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 42.830, 134.519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 255, 180) }
```

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

```
.background{ background-color: rgb(202,  
255, 180) }
```

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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