

Converting Colors

CIELCh(95, 47.942, 131.561)

Have a look what the booklet for
CIELCh(95, 47.942, 131.561)
contains.

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Color

CIELCh(95, 47.305, 131.701)

Conversions

Conversions Part 1

Format	Color
Hex	CBFFAB
RGB	203, 255, 171
RGB Percent	80%, 100%, 67%
CMY	0.2048, 0.0000, 0.3304
CMYK	0.20, 0.00, 0.33, 0.00
HSL	97°, 100%, 83%
HSV	97°, 33%, 100%
XYZ	67.9031, 87.6183, 51.7304
YIQ	229.8760, -4.0280, -37.1480

Conversions

Conversions Part 2

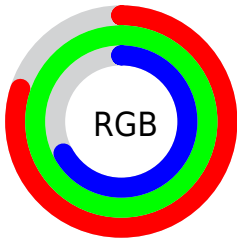
Format	Color
RYB	171, 255, 223
Decimal	13369259
CIELab	95.00, -31.47, 35.32
CIElCh	95, 47.305, 131.701
Yxy	87.6183, 0.3276, 0.4228
Android (android.graphics.Color)	4291559339 (0xFFCBBFFAB)
YUV	229.8760, -29.0259, -23.5703
Hunter-Lab	93.6047, -34.3199, 32.7568

Details

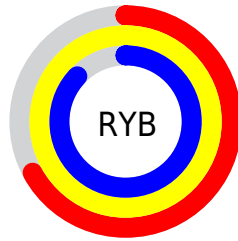
The CIELCh color **95, 47.305, 131.701** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **77, 48.451, 314.607**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 14.168, 109.107**, and **75, 46.541, 131.415** is the 20% darker color. If you saturate the color by 10%, you get **94, 60.633, 131.089**, and if you desaturate by 10%, it is **96, 32.742, 132.105**.

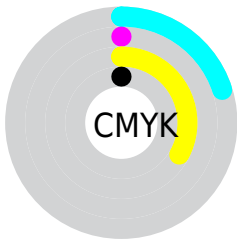
Distribution



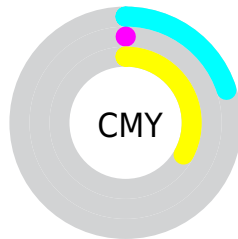
- Red (80%)
- Green (100%)
- Blue (67%)



- Red (67%)
- Yellow (100%)
- Blue (87%)



- Cyan (20%)
- Magenta (0%)
- Yellow (33%)
- Black (0%)





- Cyan (20%)
- Magenta (0%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 47.305, 131.701 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, 47.305, 131.701 by changing the saturation by 10% instead.


 95, 47.305,
131.701


 95, 47.305,
131.701


 100, 47.305,
131.701


 85, 47.305,
131.701

 75, 47.305,
131.701

 65, 47.305,
131.701

 55, 47.305,
131.701

 45, 47.305,
131.701

 35, 47.305,
131.701

 25, 47.305,

131.701

■ 15, 47.305,
131.701

■ 5, 47.305, 131.701

■ 95, 47.305,
131.701

■ 95, 47.305,
131.701

■ 94, 60.633,
131.089

■ 96, 32.742,
132.105

■ 92, 73.810,
130.622

■ 98, 18.510,
132.589

■ 91, 85.979,
130.269

■ 99, 4.295, 133.062

■ 91, 96.605,
130.138

100, 0.012,
296.813

■ 90, 105.063,
130.361

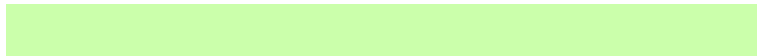
■ 89, 110.857,
131.050

■ 89, 113.473,
131.748

Harmonies

Complementary

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



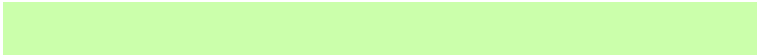
95, 47.305, 131.701



77, 48.451, 314.607

Rectangle

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



95, 47.305, 131.701



95, 47.305, 181.701



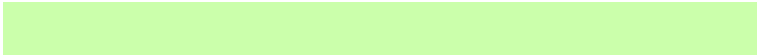
95, 47.305, 311.701



95, 47.305, 1.701

Sweetspot

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



95, 46.849, 131.598



98, 14.178, 132.730



90, 29.859, 82.532



52, 9.678, 132.665



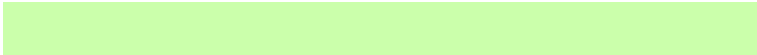
0, 0.000, 0.000



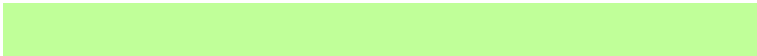
53, 0.007, 296.813

Same Dimension

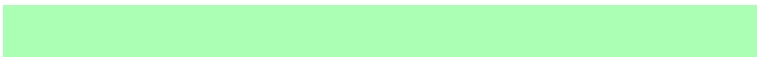
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 46.849, 131.598



94, 56.488, 131.242



93, 48.624, 145.281



52, 8.059, 132.753



69, 91.130, 131.495



23, 40.470, 130.151

Inverse Universe

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



77, 48.451, 314.607



73, 58.853, 314.922



80, 48.665, 329.758



49, 8.143, 313.530



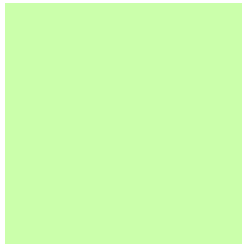
33, 97.996, 314.937



7, 44.579, 316.229

Previews

White Background



This preview shows how the CIE LCh color 95, 47.305, 131.701 looks on a white background.

Color Contrast Check

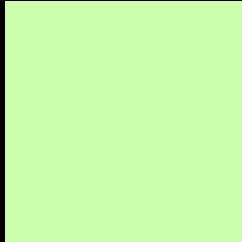
Large Text (above 18pt) WCAG AA × Fail

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, 47.305, 131.701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

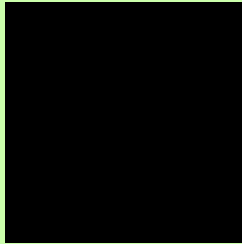
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

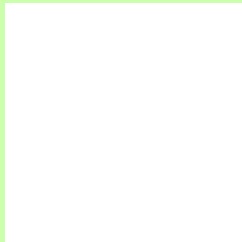
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 47.305, 131.701

Background



This preview shows how black text looks on a background with the CIELCh color 95, 47.305, 131.701.

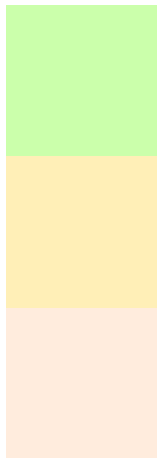


This preview shows how white text looks on a background with the CIELCh color 95, 47.305, 131.701.

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

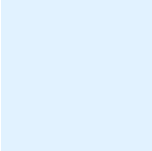
95, 46.695, 131.576

Protanopia

94, 29.235, 95.642

Deuteranopia

95, 10.388, 67.236

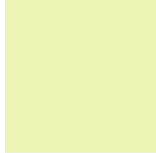


Tritanopia
95, 8.721, 249.383

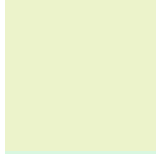
Trichromacy



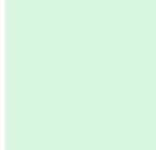
Original Color
95, 46.695, 131.576



Protanomaly
94, 33.642, 113.448

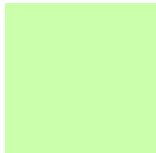


Deuteranomaly
94, 20.592, 115.848

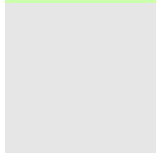


Tritanomaly
95, 15.990, 150.911

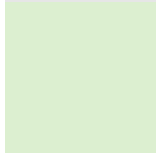
Monochromacy



Original Color
95, 46.695, 131.576



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 17.432, 132.363

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 47.305, 131.701 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(203, 255, 171)` looks like.

```
.text, #text, p{  
    color:rgb(203, 255, 171)  
}
```

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(203, 255, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 255, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 47.305, 131.701 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(203, 255, 171) }
```

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

```
.border{ border-color:rgb(203, 255, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 255, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 255, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 255, 171);  
box-shadow:4px 4px 4px 4px rgb(203, 255,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 47.305, 131.701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 255, 171) }
```

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

```
.background{ background-color: rgb(203,  
255, 171) }
```

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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