

Converting Colors

CIELCh(95, 39.742, 135.679)

Have a look what the booklet for
CIELCh(95, 39.742, 135.679)
contains.

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Color

CIELCh(95, 39.809, 135.627)

Conversions

Conversions Part 1

Format	Color
Hex	CCFFBA
RGB	204, 255, 186
RGB Percent	80%, 100%, 73%
CMY	0.2013, 0.0013, 0.2719
CMYK	0.20, 0.00, 0.27, 0.00
HSL	104°, 99%, 86%
HSV	104°, 27%, 100%
XYZ	69.2859, 87.6183, 59.5307
YIQ	231.8850, -8.2470, -32.2710

Conversions

Conversions Part 2

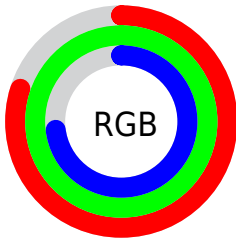
Format	Color
RYB	186, 255, 237
Decimal	13434810
CIELab	95.00, -28.46, 27.84
CIELCh	95, 39.809, 135.627
Yxy	87.6183, 0.3201, 0.4048
Android (android.graphics.Color)	4291624890 (0xFFCCFFBA)
YUV	231.8850, -22.6213, -24.4551
Hunter-Lab	93.6047, -31.6830, 27.8160

Details

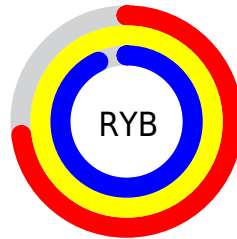
The CIELCh color **95, 39.809, 135.627** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **82, 40.504, 318.138**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 6.580, 109.674**, and **75, 39.922, 135.388** is the 20% darker color. If you saturate the color by 10%, you get **94, 54.327, 135.040**, and if you desaturate by 10%, it is **97, 25.095, 136.173**.

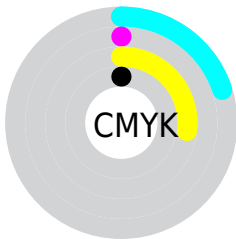
Distribution



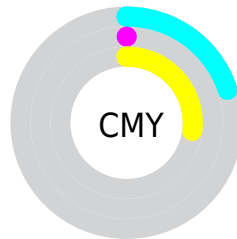
- Red (80%)
- Green (100%)
- Blue (73%)



- Red (73%)
- Yellow (100%)
- Blue (93%)



- Cyan (20%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)





- Cyan (20%)
- Magenta (0%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 39.809, 135.627 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, 39.809, 135.627 by changing the saturation by 10% instead.


 95, 39.809,
135.627


 95, 39.809,
135.627


 100, 39.809,
135.627


 85, 39.809,
135.627

 75, 39.809,
135.627

 65, 39.809,
135.627

 55, 39.809,
135.627

 45, 39.809,
135.627

 35, 39.809,
135.627

 25, 39.809,

135.627

■ 15, 39.809,
135.627

■ 5, 39.809, 135.627

■ 95, 39.809,
135.627

■ 95, 39.809,
135.627

■ 94, 54.327,
135.040

■ 97, 25.095,
136.173

■ 92, 68.382,
134.433

■ 98, 10.365,
136.673

■ 91, 81.618,
133.857

100, 0.223,
323.062

■ 90, 93.548,
133.393

■ 89, 103.560,
133.160

■ 89, 111.022,
133.291

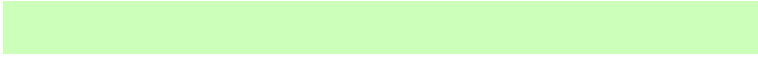
■ 88, 115.587,
133.854

■ 88, 116.552,
134.039

Harmonies

Complementary

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



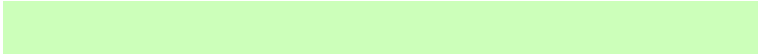
95, 39.809, 135.627



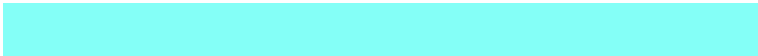
82, 40.504, 318.138

Rectangle

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



95, 39.809, 135.627



95, 39.809, 185.627



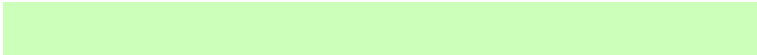
95, 39.809, 315.627



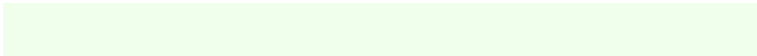
95, 39.809, 5.627

Sweetspot

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



95, 39.811, 135.628



98, 11.716, 136.629



94, 26.855, 92.727



52, 8.333, 136.555



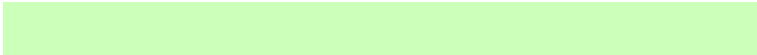
0, 0.000, 0.000



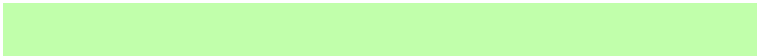
53, 0.007, 296.813

Same Dimension

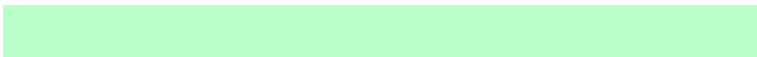
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 39.811, 135.628



94, 48.483, 135.284



94, 36.644, 149.644



52, 8.333, 136.555



68, 93.740, 133.844



23, 41.707, 132.886

Inverse Universe

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



82, 40.504, 318.138



78, 49.502, 318.395



83, 36.863, 333.533



50, 8.393, 317.352



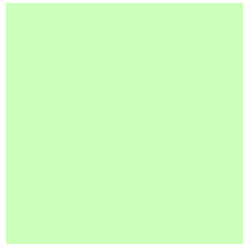
37, 95.788, 318.611



9, 43.839, 319.666

Previews

White Background



This preview shows how the CIE LCh color 95, 39.809, 135.627 looks on a white background.

Color Contrast Check

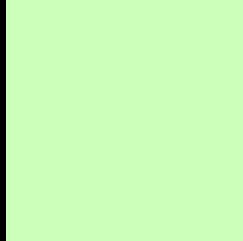
Large Text (above 18pt) WCAG AA × Fail

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, 39.809, 135.627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

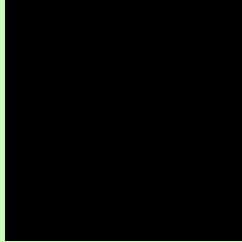
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

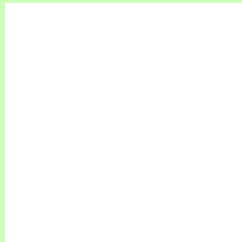
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 39.809, 135.627

Background



This preview shows how black text looks on a background with the CIELCh color 95, 39.809, 135.627.

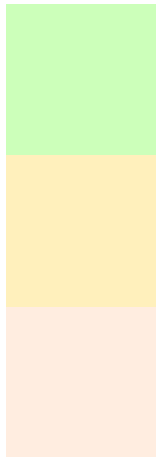


This preview shows how white text looks on a background with the CIELCh color 95, 39.809, 135.627.

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](#).

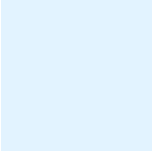
Dichromacy



Original Color
95, 39.809, 135.627

Protanopia
95, 27.146, 95.777

Deuteranopia
95, 9.361, 64.854

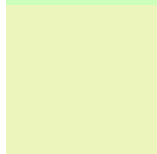


Tritanopia
95, 8.345, 246.963

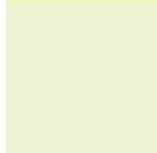
Trichromacy



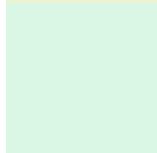
Original Color
95, 39.809, 135.627



Protanomaly
95, 29.669, 114.493



Deuteranomaly
95, 17.069, 117.552

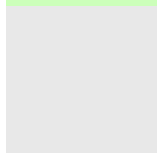


Tritanomaly
95, 13.516, 158.382

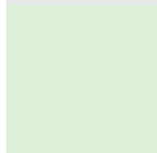
Monochromacy



Original Color
95, 39.809, 135.627



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 14.461, 135.920

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 39.809, 135.627 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(204, 255, 186)` looks like.

```
.text, #text, p{  
    color:rgb(204, 255, 186)  
}
```

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(204, 255, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 255, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 39.809, 135.627 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(204, 255, 186) }
```

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

```
.border{ border-color:rgb(204, 255, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 255, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 255, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 255, 186);  
box-shadow:4px 4px 4px 4px rgb(204, 255,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 39.809, 135.627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 255, 186) }
```

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

```
.background{ background-color: rgb(204,  
255, 186) }
```

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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