

Converting Colors

CIELCh(95, 43.011, 137.447)

Have a look what the booklet for
CIELCh(95, 43.011, 137.447)
contains.

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Color

CIELCh(95, 42.397, 137.476)

Conversions

Conversions Part 1

Format	Color
Hex	C6FFB8
RGB	198, 255, 184
RGB Percent	78%, 100%, 72%
CMY	0.2237, 0.0000, 0.2786
CMYK	0.22, 0.00, 0.28, 0.00
HSL	108°, 100%, 86%
HSV	108°, 28%, 100%
XYZ	68.0048, 87.6183, 58.6433
YIQ	229.8630, -11.1810, -34.1650

Conversions

Conversions Part 2

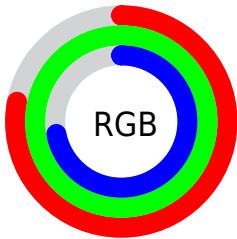
Format	Color
RYB	184, 255, 241
Decimal	13041592
CIELab	95.00, -31.25, 28.66
CIELCh	95, 42.397, 137.476
Yxy	87.6183, 0.3174, 0.4089
Android (android.graphics.Color)	4291231672 (0xFFC6FFB8)
YUV	229.8630, -22.6105, -27.9439
Hunter-Lab	93.6047, -34.1260, 28.3781

Details

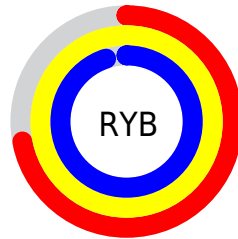
The CIELCh color **95, 42.397, 137.476** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **82, 42.337, 320.139**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 7.593, 109.599**, and **75, 41.519, 137.565** is the 20% darker color. If you saturate the color by 10%, you get **93, 56.595, 136.764**, and if you desaturate by 10%, it is **96, 26.782, 138.013**.

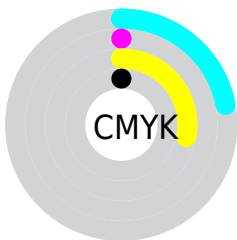
Distribution



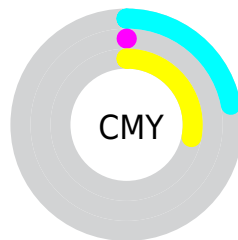
- Red (78%)
- Green (100%)
- Blue (72%)



- Red (72%)
- Yellow (100%)
- Blue (95%)



- Cyan (22%)
- Magenta (0%)
- Yellow (28%)
- Black (0%)





- Cyan (22%)
- Magenta (0%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 42.397, 137.476 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, 42.397, 137.476 by changing the saturation by 10% instead.


 95, 42.397,
137.476


 95, 42.397,
137.476


 100, 42.397,
137.476


 85, 42.397,
137.476

 75, 42.397,
137.476

 65, 42.397,
137.476

 55, 42.397,
137.476

 45, 42.397,
137.476

 35, 42.397,
137.476

 25, 42.397,

137.476

■ 15, 42.397,
137.476

■ 5, 42.397, 137.476

■ 95, 42.397,
137.476

■ 95, 42.397,
137.476

■ 93, 56.595,
136.764

■ 96, 26.782,
138.013

■ 92, 70.862,
136.074

■ 98, 11.737,
138.548

■ 91, 84.214,
135.395

100, 0.012,
296.813

■ 90, 96.132,
134.809

■ 89, 105.980,
134.436

■ 89, 113.123,
134.409

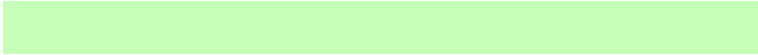
■ 88, 117.279,
134.780

■ 88, 117.925,
134.863

Harmonies

Complementary

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



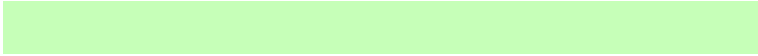
95, 42.397, 137.476



82, 42.337, 320.139

Rectangle

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



95, 42.397, 137.476



95, 42.397, 187.476



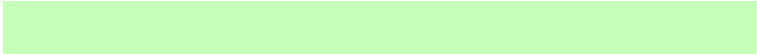
95, 42.397, 317.476



95, 42.397, 7.476

Sweetspot

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



95, 41.805, 137.418



98, 11.939, 138.541



95, 29.469, 97.120



52, 8.493, 138.464



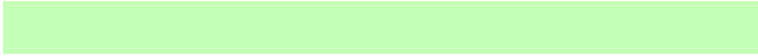
0, 0.000, 0.000



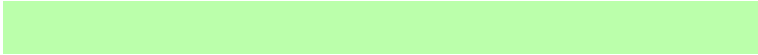
53, 0.007, 296.813

Same Dimension

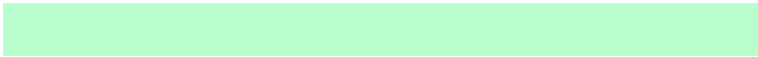
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 41.805, 137.418



94, 49.445, 137.089



94, 35.877, 152.039



52, 8.493, 138.464



68, 94.787, 134.706



23, 42.271, 134.008

Inverse Universe

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



82, 42.337, 320.139



79, 50.173, 320.364



83, 36.250, 336.308



50, 8.540, 319.297



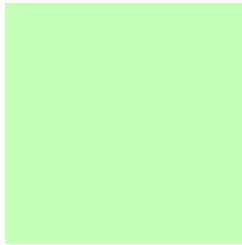
39, 94.826, 320.781



10, 43.480, 321.626

Previews

White Background



This preview shows how the CIE LCh color 95, 42.397, 137.476 looks on a white background.

Color Contrast Check

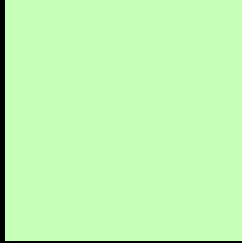
Large Text (above 18pt) WCAG AA × Fail

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, 42.397, 137.476 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

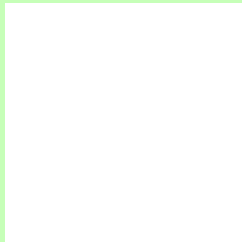
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 42.397, 137.476

Background



This preview shows how black text looks on a background with the CIELCh color 95, 42.397, 137.476.

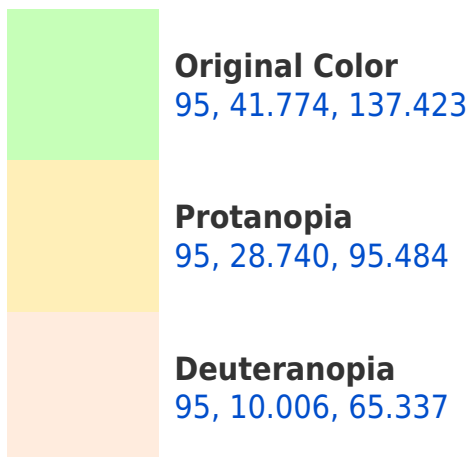


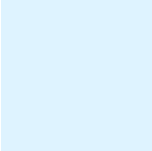
This preview shows how white text looks on a background with the CIELCh color 95, 42.397, 137.476.

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



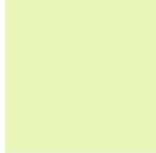


Tritanopia
95, 9.285, 240.868

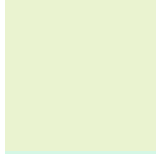
Trichromacy



Original Color
95, 41.774, 137.423



Protanomaly
94, 31.263, 115.456

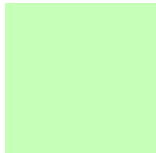


Deuteranomaly
94, 18.206, 119.290

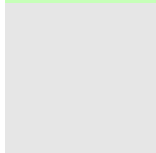


Tritanomaly
94, 15.195, 160.971

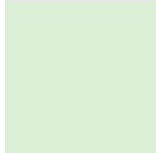
Monochromacy



Original Color
95, 41.774, 137.423



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 15.454, 138.541

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 42.397, 137.476 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(198, 255, 184)` looks like.

```
.text, #text, p{  
    color:rgb(198, 255, 184)  
}
```

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(198, 255, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 255, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 42.397, 137.476 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(198, 255, 184) }
```

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

```
.border{ border-color:rgb(198, 255, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 255, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 255, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 255, 184);  
box-shadow:4px 4px 4px 4px rgb(198, 255,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 42.397, 137.476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 255, 184) }
```

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

```
.background{ background-color: rgb(198,  
255, 184) }
```

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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