

Converting Colors

CIELCh(100, 53.028, 135.334)

Have a look what the booklet for
CIELCh(100, 53.028, 135.334)
contains.

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Color

CIELCh(95, 42.490, 133.699)

Conversions

Conversions Part 1

Format	Color
Hex	CCFFB4
RGB	204, 255, 180
RGB Percent	80%, 100%, 71%
CMY	0.2002, 0.0001, 0.2943
CMYK	0.20, 0.00, 0.29, 0.00
HSL	101°, 100%, 85%
HSV	101°, 29%, 100%
XYZ	68.8712, 87.6183, 56.4407
YIQ	231.2010, -6.3210, -34.1370

Conversions

Conversions Part 2

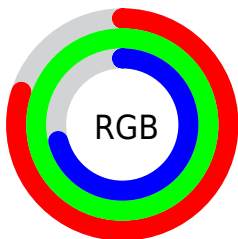
Format	Color
RYB	180, 255, 231
Decimal	13434804
CIELab	95.00, -29.36, 30.72
CIElCh	95, 42.490, 133.699
Yxy	87.6183, 0.3234, 0.4115
Android (android.graphics.Color)	4291624884 (0xFFCCFFB4)
YUV	231.2010, -25.2421, -23.8553
Hunter-Lab	93.6047, -32.4737, 29.7732

Details

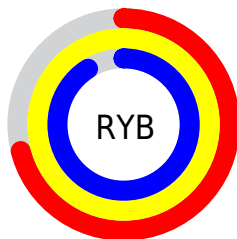
The CIELCh color **95, 42.490, 133.699** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **80, 43.526, 316.371**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 9.618, 109.449**, and **75, 42.225, 133.686** is the 20% darker color. If you saturate the color by 10%, you get **94, 56.681, 133.153**, and if you desaturate by 10%, it is **97, 28.058, 134.223**.

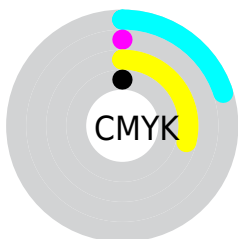
Distribution



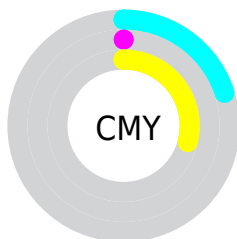
- Red (80%)
- Green (100%)
- Blue (71%)



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



- Cyan (20%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)





- Cyan (20%)
- Magenta (0%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 42.490, 133.699 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, 42.490, 133.699 by changing the saturation by 10% instead.

 95, 42.490,
133.699


 95, 42.490,
133.699


 100, 42.490,
133.699

 85, 42.490,
133.699

 75, 42.490,
133.699

 65, 42.490,
133.699

 55, 42.490,
133.699

 45, 42.490,
133.699

 35, 42.490,
133.699

 25, 42.490,

133.699

■ 15, 42.490,
133.699

■ 5, 42.490, 133.699

■ 95, 42.490,
133.699

■ 95, 42.490,
133.699

■ 94, 56.681,
133.153

■ 97, 28.058,
134.223

■ 92, 70.360,
132.613

■ 98, 13.567,
134.709

■ 91, 83.163,
132.140

100, 0.033,
315.127

■ 90, 94.587,
131.827

■ 90, 104.014,
131.799

■ 89, 110.851,
132.185

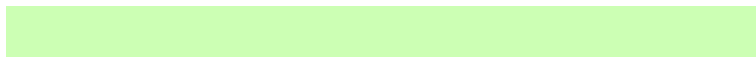
■ 89, 114.999,
132.985

■ 89, 115.200,
133.030

Harmonies

Complementary

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



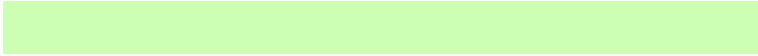
95, 42.490, 133.699



80, 43.526, 316.371

Rectangle

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



95, 42.490, 133.699



95, 42.490, 183.699



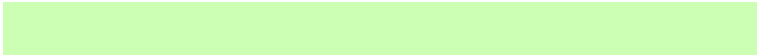
95, 42.490, 313.699



95, 42.490, 3.699

Sweetspot

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



95, 42.492, 133.700



98, 12.966, 134.728



92, 27.546, 87.300



52, 9.016, 134.660



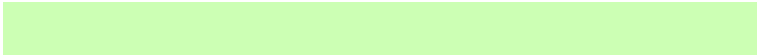
0, 0.000, 0.000



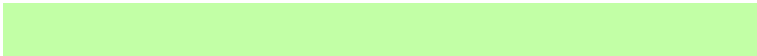
53, 0.007, 296.813

Same Dimension

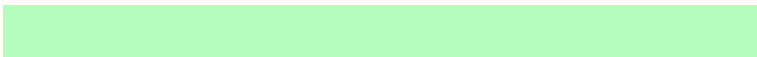
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 42.492, 133.700



94, 50.465, 133.396



94, 41.813, 147.178



52, 8.193, 134.705



68, 92.542, 132.803



23, 41.118, 131.635

Inverse Universe

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



80, 43.526, 316.371



76, 51.930, 316.616



82, 41.935, 331.232



49, 8.265, 315.483



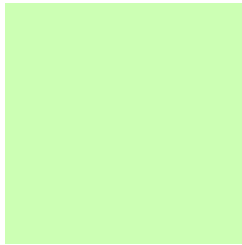
35, 96.827, 316.718



8, 44.228, 317.933

Previews

White Background



This preview shows how the CIE LCh color 95, 42.490, 133.699 looks on a white background.

Color Contrast Check

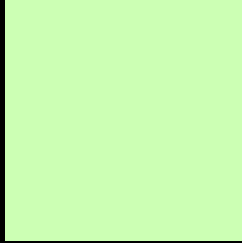
Large Text (above 18pt) WCAG AA × Fail

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, 42.490, 133.699 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

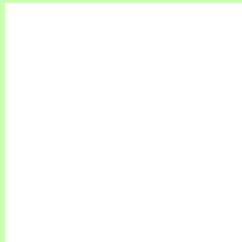
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 42.490, 133.699

Background



This preview shows how black text looks on a background with the CIELCh color 95, 42.490, 133.699.

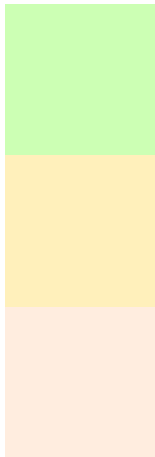


This preview shows how white text looks on a background with the CIELCh color 95, 42.490, 133.699.

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](#).

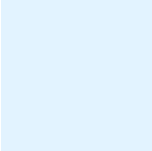
Dichromacy



Original Color
95, 42.490, 133.699

Protanopia
95, 27.642, 95.945

Deuteranopia
95, 9.740, 66.902

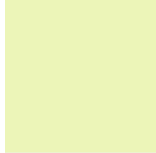


Tritanopia
95, 8.345, 246.963

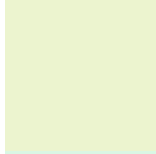
Trichromacy



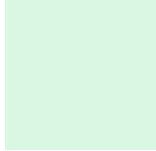
Original Color
95, 42.490, 133.699



Protanomaly
95, 31.161, 114.079

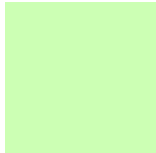


Deuteranomaly
95, 19.126, 117.608

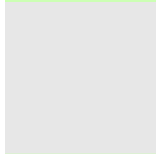


Tritanomaly
95, 14.229, 155.307

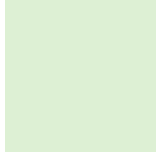
Monochromacy



Original Color
95, 42.490, 133.699



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 16.013, 134.558

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 42.490, 133.699 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, 180)` looks like.

```
.text, #text, p{  
    color:rgb(204, 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(204, 255, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 255, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 42.490, 133.699 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, 180) }
```

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

```
.border{ border-color:rgb(204, 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(204, 255, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 255, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 255, 180);  
box-shadow:4px 4px 4px 4px rgb(204, 255,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 42.490, 133.699 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, 180) }
```

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

```
.background{ background-color: rgb(204,  
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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