

Converting Colors

CIELCh(95, 42.429, 129.557)

Have a look what the booklet for
CIELCh(95, 42.429, 129.557)
contains.

CIELCh(95, 42.616, 129.420)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIElCh(95, 42.616, 129.420)

Conversions

Conversions Part 1

Format	Color
Hex	D3FEB0
RGB	211, 254, 176
RGB Percent	83%, 100%, 69%
CMY	0.1737, 0.0051, 0.3109
CMYK	0.17, 0.00, 0.31, 0.01
HSL	93°, 97%, 84%
HSV	93°, 31%, 99%
XYZ	69.9320, 87.6183, 54.1517
YIQ	232.2510, -0.5900, -33.3740

Conversions

Conversions Part 2

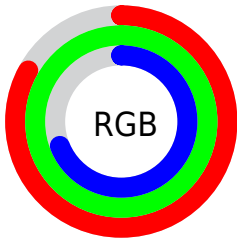
Format	Color
RYB	176, 254, 219
Decimal	13893296
CIELab	95.00, -27.06, 32.92
CIElCh	95, 42.616, 129.420
Yxy	87.6183, 0.3303, 0.4139
Android (android.graphics.Color)	4292083376 (0xFFD3FEB0)
YUV	232.2510, -27.7317, -18.6371
Hunter-Lab	93.6047, -30.4509, 31.2231

Details

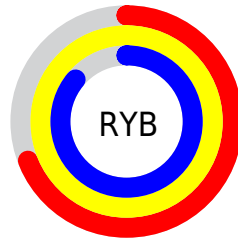
The CIELCh color **95, 42.616, 129.420** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **78, 44.280, 312.272**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 11.641, 109.297**, and **75, 42.469, 129.666** is the 20% darker color. If you saturate the color by 10%, you get **94, 56.154, 128.934**, and if you desaturate by 10%, it is **96, 28.809, 129.912**.

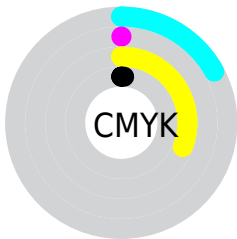
Distribution



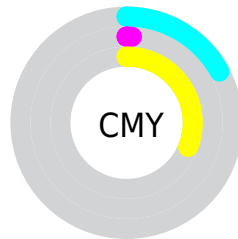
- Red (83%)
- Green (100%)
- Blue (69%)



- Red (69%)
- Yellow (100%)
- Blue (86%)



- Cyan (17%)
- Magenta (0%)
- Yellow (31%)
- Black (1%)





- Cyan (17%)
- Magenta (1%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 42.616, 129.420 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, 42.616, 129.420 by changing the saturation by 10% instead.


 95, 42.616,
129.420


 95, 42.616,
129.420


 100, 42.616,
129.420


 85, 42.616,
129.420

 75, 42.616,
129.420

 65, 42.616,
129.420

 55, 42.616,
129.420

 45, 42.616,
129.420

 35, 42.616,
129.420

 25, 42.616,

129.420

■ 15, 42.616,
129.420

■ 5, 42.616, 129.420

■ 95, 42.616,
129.420

■ 95, 42.616,
129.420

■ 94, 56.154,
128.934

■ 96, 28.809,
129.912

■ 93, 69.169,
128.491

■ 98, 14.901,
130.386

■ 92, 81.306,
128.159

■ 99, 1.012, 130.971

■ 91, 92.075,
128.037

100, 0.816,
324.091

■ 90, 100.872,
128.254

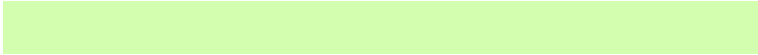
■ 90, 107.157,
128.934

■ 89, 110.801,
129.950

Harmonies

Complementary

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



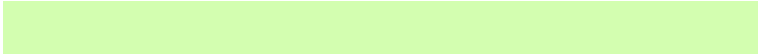
95, 42.616, 129.420



78, 44.280, 312.272

Rectangle

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



95, 42.616, 129.420



95, 42.616, 179.420



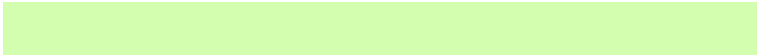
95, 42.616, 309.420



95, 42.616, 359.420

Sweetspot

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



95, 42.618, 129.421



99, 12.533, 130.467



89, 26.338, 76.610



52, 8.713, 130.399



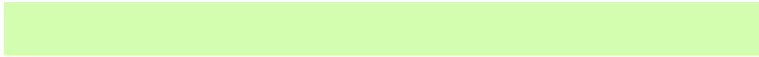
0, 0.000, 0.000



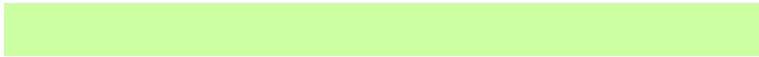
53, 0.007, 296.813

Same Dimension

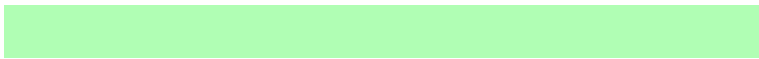
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 42.618, 129.421



95, 51.350, 129.113



93, 47.239, 143.586



52, 7.918, 130.443



69, 89.334, 129.679



23, 39.695, 128.192

Inverse Universe

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



78, 44.280, 312.272



74, 53.808, 312.588



81, 47.239, 327.542



49, 8.017, 311.242



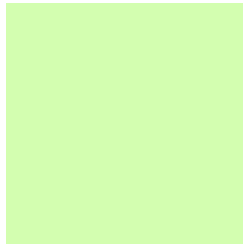
31, 99.425, 313.102



7, 44.816, 314.302

Previews

White Background



This preview shows how the CIE LCh color 95, 42.616, 129.420 looks on a white background.

Color Contrast Check

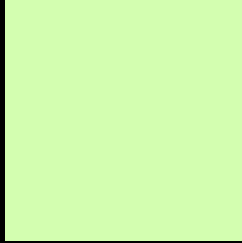
Large Text (above 18pt) WCAG AA × Fail

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, 42.616, 129.420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

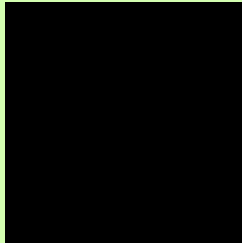
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

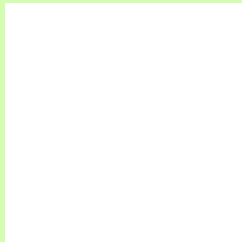
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 42.616, 129.420

Background



This preview shows how black text looks on a background with the CIELCh color 95, 42.616, 129.420.

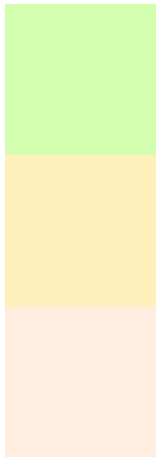


This preview shows how white text looks on a background with the CIELCh color 95, 42.616, 129.420.

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](#).

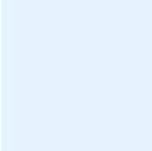
Dichromacy



Original Color
95, 42.616, 129.420

Protanopia
95, 27.642, 95.945

Deuteranopia
95, 9.740, 66.902

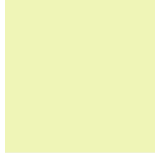


Tritanopia
95, 7.933, 256.823

Trichromacy



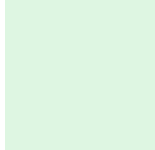
Original Color
95, 42.616, 129.420



Protanomaly
95, 31.542, 111.888



Deuteranomaly
95, 18.948, 113.196

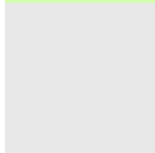


Tritanomaly
95, 13.418, 148.790

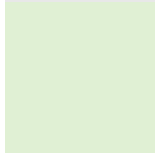
Monochromacy



Original Color
95, 42.616, 129.420



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 15.557, 131.031

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 42.616, 129.420 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(211, 254, 176)` looks like.

```
.text, #text, p{  
    color:rgb(211, 254, 176)  
}
```

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(211, 254, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 254, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 42.616, 129.420 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(211, 254, 176) }
```

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

```
.border{ border-color:rgb(211, 254, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 254, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 254, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 254, 176);  
box-shadow:4px 4px 4px 4px rgb(211, 254,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 42.616, 129.420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 254, 176) }
```

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

```
.background{ background-color: rgb(211,  
254, 176) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor