

Converting Colors

CIELCh(93, 42.702, 133.909)

Have a look what the booklet for
CIELCh(93, 42.702, 133.909)
contains.

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Color

CIELCh(93, 42.675, 133.663)

Conversions

Conversions Part 1

Format	Color
Hex	C6F9AE
RGB	198, 249, 174
RGB Percent	78%, 98%, 68%
CMY	0.2228, 0.0227, 0.3169
CMYK	0.20, 0.00, 0.30, 0.02
HSL	101°, 87%, 83%
HSV	101°, 30%, 98%
XYZ	64.9328, 82.9670, 52.7305
YIQ	225.2010, -6.3210, -34.1370

Conversions

Conversions Part 2

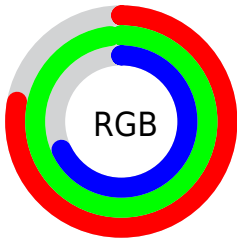
Format	Color
RYB	174, 249, 225
Decimal	13040046
CIELab	93.00, -29.46, 30.87
CIELCh	93, 42.675, 133.663
Yxy	82.9670, 0.3236, 0.4135
Android (android.graphics.Color)	4291230126 (0xFFC6F9AE)
YUV	225.2010, -25.2421, -23.8553
Hunter-Lab	91.0862, -32.1533, 29.4370

Details

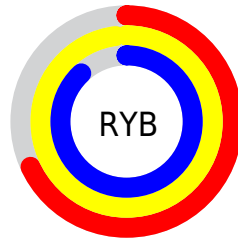
The CIELCh color **93, 42.675, 133.663** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **78, 43.739, 316.399**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 12.652, 109.221**, and **73, 42.446, 133.629** is the 20% darker color. If you saturate the color by 10%, you get **92, 56.582, 133.117**, and if you desaturate by 10%, it is **95, 28.518, 134.188**.

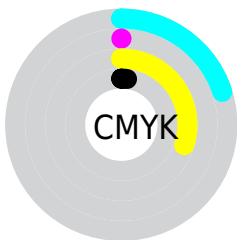
Distribution



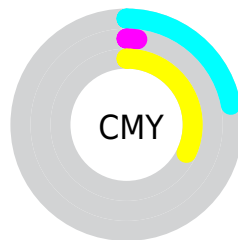
- Red (78%)
- Green (98%)
- Blue (68%)



- Red (68%)
- Yellow (98%)
- Blue (88%)



- Cyan (20%)
- Magenta (0%)
- Yellow (30%)
- Black (2%)





- Cyan (22%)
- Magenta (2%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 42.675, 133.663 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 93, 42.675, 133.663 by changing the saturation by 10% instead.


 93, 42.675,
133.663


 93, 42.675,
133.663


 100, 42.675,
133.663


 83, 42.675,
133.663

 73, 42.675,
133.663

 63, 42.675,
133.663

 53, 42.675,
133.663

 43, 42.675,
133.663

 33, 42.675,
133.663

 23, 42.675,


133.663


 13, 42.675,
133.663


 3, 42.675, 133.663


 93, 42.675,
133.663


 93, 42.675,
133.663

 92, 56.582,
133.117


 95, 28.518,
134.188

 90, 69.968,
132.580

 96, 14.292,
134.676

 89, 82.467,
132.115

 98, 0.133, 136.644

 89, 93.581,
131.815

 99, 3.610, 324.482

■ 88, 102.698,
131.809

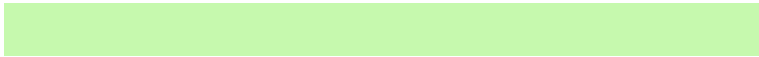
■ 87, 109.248,
132.221

■ 87, 113.199,
133.014

Harmonies

Complementary

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



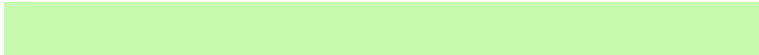
93, 42.675, 133.663



78, 43.739, 316.399

Rectangle

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



93, 42.675, 133.663



93, 42.675, 183.663



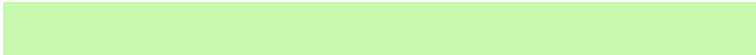
93, 42.675, 313.663



93, 42.675, 3.663

Sweetspot

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



93, 42.677, 133.664



98, 12.966, 134.727



90, 27.688, 87.212



52, 9.016, 134.659



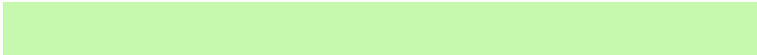
0, 0.000, 0.000



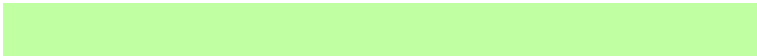
53, 0.007, 296.813

Same Dimension

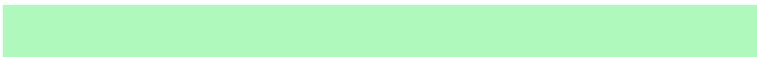
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 42.677, 133.664



94, 51.881, 133.340



92, 41.994, 147.117



51, 8.058, 134.705



67, 91.607, 132.790



22, 39.777, 131.782

Inverse Universe

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



78, 43.739, 316.399



76, 53.430, 316.658



80, 42.114, 331.274



49, 8.129, 315.481



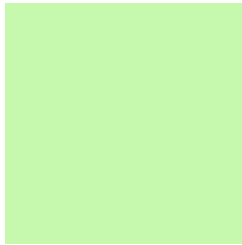
35, 95.859, 316.726



7, 42.988, 317.971

Previews

White Background



This preview shows how the CIE LCh color 93, 42.675, 133.663 looks on a white background.

Color Contrast Check

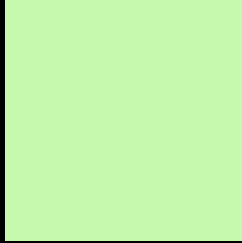
Large Text (above 18pt) WCAG AA × Fail

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 93, 42.675, 133.663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

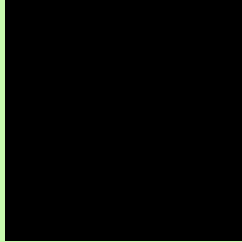
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

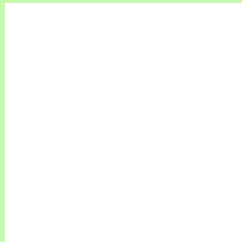
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 42.675, 133.663

Background



This preview shows how black text looks on a background with the CIELCh color 93, 42.675, 133.663.

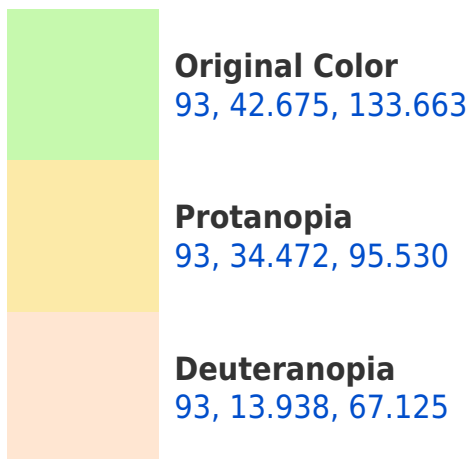


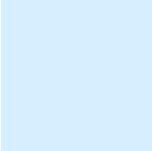
This preview shows how white text looks on a background with the CIELCh color 93, 42.675, 133.663.

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



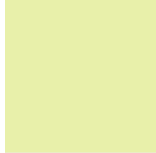


Tritanopia
93, 11.729, 247.698

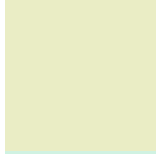
Trichromacy



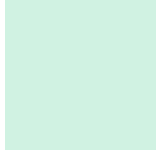
Original Color
93, 42.675, 133.663



Protanomaly
93, 35.706, 112.329

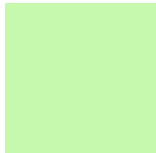


Deuteranomaly
93, 20.532, 111.685

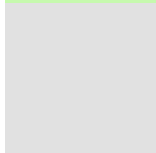


Tritanomaly
93, 14.607, 164.062

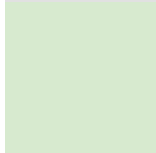
Monochromacy



Original Color
93, 42.675, 133.663



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 15.626, 135.358

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 42.675, 133.663 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, 249, 174)` looks like.

```
.text, #text, p{  
    color:rgb(198, 249, 174)  
}
```

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, 249, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 249, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 42.675, 133.663 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, 249, 174) }
```

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

```
.border{ border-color:rgb(198, 249, 174) }
```

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

Here you see how a box with a 4 pixel rgb(198, 249, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 249, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 249, 174);  
box-shadow:4px 4px 4px 4px rgb(198, 249,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 42.675, 133.663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 249, 174) }
```

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

```
.background{ background-color: rgb(198,  
249, 174) }
```

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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