

Converting Colors

CIELCh(94, 45.660, 135.583)

Have a look what the booklet for
CIELCh(94, 45.660, 135.583)
contains.

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Color

CIElCh(94, 45.685, 135.620)

Conversions

Conversions Part 1

Format	Color
Hex	C3FEAF
RGB	195, 254, 175
RGB Percent	76%, 100%, 69%
CMY	0.2368, 0.0054, 0.3151
CMYK	0.23, 0.00, 0.31, 0.01
HSL	105°, 97%, 84%
HSV	105°, 31%, 99%
XYZ	65.4304, 85.2715, 53.3808
YIQ	227.3530, -9.8050, -37.0770

Conversions

Conversions Part 2

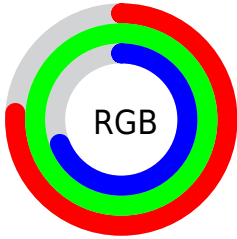
Format	Color
RYB	175, 254, 234
Decimal	12844719
CIELab	94.00, -32.65, 31.95
CIElCh	94, 45.685, 135.620
Yxy	85.2715, 0.3206, 0.4178
Android (android.graphics.Color)	4291034799 (0xFFC3FEAF)
YUV	227.3530, -25.8100, -28.3736
Hunter-Lab	92.3426, -35.1213, 30.3658

Details

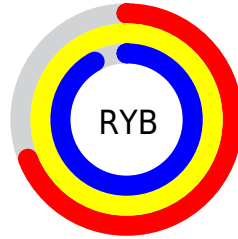
The CIELCh color **94, 45.685, 135.620** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **79, 46.562, 318.556**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 12.177, 112.661**, and **74, 45.554, 135.609** is the 20% darker color. If you saturate the color by 10%, you get **93, 60.039, 135.014**, and if you desaturate by 10%, it is **96, 31.038, 136.191**.

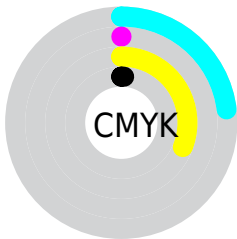
Distribution



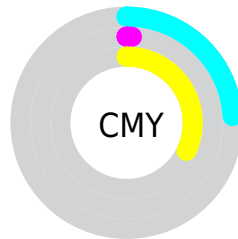
- Red (76%)
- Green (100%)
- Blue (69%)



- Red (69%)
- Yellow (100%)
- Blue (92%)



- Cyan (23%)
- Magenta (0%)
- Yellow (31%)
- Black (1%)





- Cyan (24%)
- Magenta (1%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 45.685, 135.620 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 94, 45.685, 135.620 by changing the saturation by 10% instead.


 94, 45.685,
135.620


 94, 45.685,
135.620


 100, 45.685,
135.620


 84, 45.685,
135.620

 74, 45.685,
135.620

 64, 45.685,
135.620


 54, 45.685,
135.620

 44, 45.685,
135.620


 34, 45.685,
135.620


 24, 45.685,


135.620


 14, 45.685,
135.620


 4, 45.685, 135.620


 94, 45.685,
135.620


 94, 45.685,
135.620

 93, 60.039,
135.014

 96, 31.038,
136.191

 91, 73.796,
134.402

 97, 16.308,
136.711

 90, 86.549,
133.846

 99, 1.652, 137.292

 89, 97.759,
133.443

100, 0.867,
324.115

■ 89, 106.782,
133.322

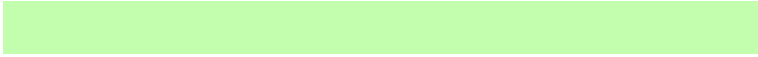
■ 88, 113.050,
133.605

■ 88, 116.358,
134.150

Harmonies

Complementary

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



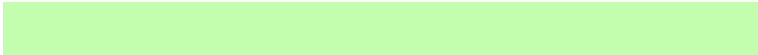
94, 45.685, 135.620



79, 46.562, 318.556

Rectangle

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



94, 45.685, 135.620



94, 45.685, 185.620



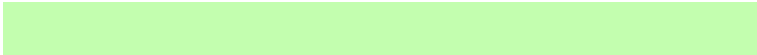
94, 45.685, 315.620



94, 45.685, 5.620

Sweetspot

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



94, 45.687, 135.621



98, 13.218, 136.817



93, 30.834, 92.202



52, 9.192, 136.745



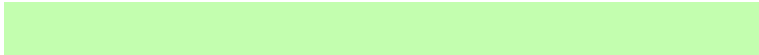
0, 0.000, 0.000



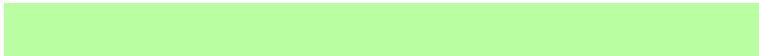
53, 0.007, 296.813

Same Dimension

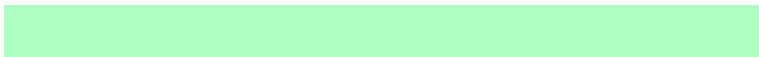
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 45.687, 135.621



94, 54.387, 135.267



93, 41.937, 149.253



52, 8.352, 136.792



68, 93.881, 133.963



23, 41.780, 133.035

Inverse Universe

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



79, 46.562, 318.556



76, 55.608, 318.805



80, 42.192, 333.827



50, 8.410, 317.592



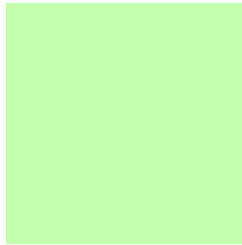
37, 95.662, 318.868



9, 43.792, 319.900

Previews

White Background



This preview shows how the CIE LCh color 94, 45.685, 135.620 looks on a white background.

Color Contrast Check

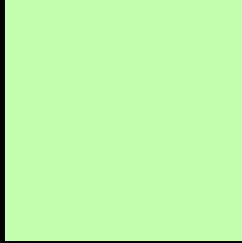
Large Text (above 18pt) WCAG AA × Fail

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 94, 45.685, 135.620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

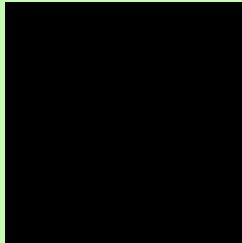
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

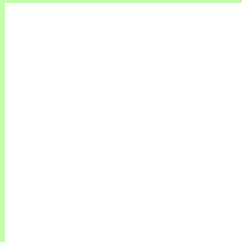
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 45.685, 135.620

Background



This preview shows how black text looks on a background with the CIELCh color 94, 45.685, 135.620.

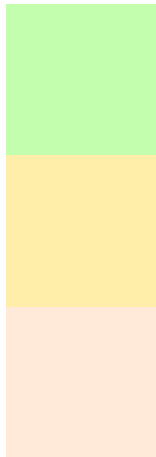


This preview shows how white text looks on a background with the CIELCh color 94, 45.685, 135.620.

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
94, 45.685, 135.620

Protanopia
94, 34.886, 95.692

Deuteranopia
94, 11.958, 66.420

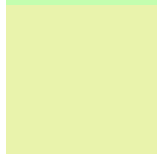


Tritanopia
94, 10.433, 242.937

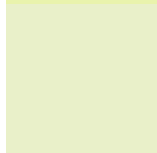
Trichromacy



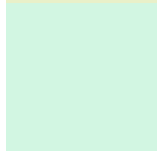
Original Color
94, 45.685, 135.620



Protanomaly
94, 36.208, 113.466



Deuteranomaly
93, 20.135, 116.047

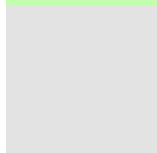


Tritanomaly
94, 16.418, 159.589

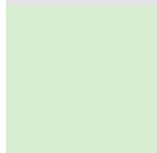
Monochromacy



Original Color
94, 45.685, 135.620



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 17.021, 137.013

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 45.685, 135.620 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(195, 254, 175)` looks like.

```
.text, #text, p{  
    color:rgb(195, 254, 175)  
}
```

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(195, 254, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 254, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 45.685, 135.620 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(195, 254, 175) }
```

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

```
.border{ border-color:rgb(195, 254, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 254, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 254, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 254, 175);  
box-shadow:4px 4px 4px 4px rgb(195, 254,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 45.685, 135.620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 254, 175) }
```

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

```
.background{ background-color: rgb(195,  
254, 175) }
```

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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