

Converting Colors

CIELCh(95, 46.996, 136.293)

Have a look what the booklet for
CIELCh(95, 46.996, 136.293)
contains.

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Color

CIElCh(94, 45.830, 135.995)

Conversions

Conversions Part 1

Format	Color
Hex	C2FEAF
RGB	194, 254, 175
RGB Percent	76%, 100%, 69%
CMY	0.2400, 0.0048, 0.3143
CMYK	0.24, 0.00, 0.31, 0.00
HSL	106°, 97%, 84%
HSV	106°, 31%, 100%
XYZ	65.2914, 85.2715, 53.4963
YIQ	227.0540, -10.4010, -37.2890

Conversions

Conversions Part 2

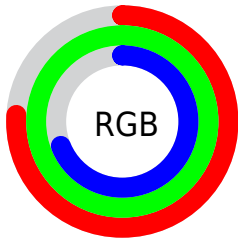
Format	Color
RYB	175, 254, 235
Decimal	12779183
CIELab	94.00, -32.96, 31.84
CIELCh	94, 45.830, 135.995
Yxy	85.2715, 0.3200, 0.4179
Android (android.graphics.Color)	4290969263 (0xFFC2FEAF)
YUV	227.0540, -25.6626, -28.9884
Hunter-Lab	92.3426, -35.3899, 30.2917

Details

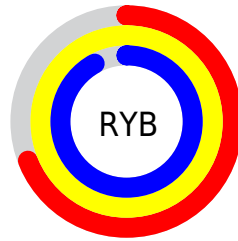
The CIELCh color **94, 45.830, 135.995** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **79, 46.653, 318.954**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 12.208, 114.349**, and **74, 45.741, 135.983** is the 20% darker color. If you saturate the color by 10%, you get **93, 60.248, 135.376**, and if you desaturate by 10%, it is **96, 31.116, 136.575**.

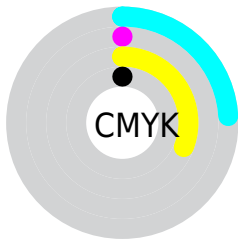
Distribution



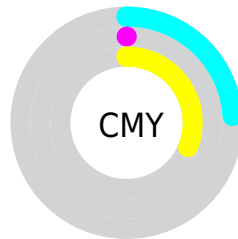
- Red (76%)
- Green (100%)
- Blue (69%)



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



- Cyan (24%)
- Magenta (0%)
- Yellow (31%)
- Black (0%)





- Cyan (24%)
- Magenta (0%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 45.830, 135.995 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, 45.830, 135.995 by changing the saturation by 10% instead.

 94, 45.830,
135.995


 94, 45.830,
135.995

 100, 45.830,
135.995


 84, 45.830,
135.995

 74, 45.830,
135.995

 64, 45.830,
135.995

 54, 45.830,
135.995

 44, 45.830,
135.995

 34, 45.830,
135.995

 24, 45.830,

135.995

■ 14, 45.830,
135.995

■ 4, 45.830, 135.995

■ 94, 45.830,
135.995

■ 94, 45.830,
135.995

■ 93, 60.248,
135.376

■ 96, 31.116,
136.575

■ 91, 74.062,
134.746

■ 97, 16.320,
137.102

■ 90, 86.861,
134.167

■ 99, 1.600, 137.695

■ 89, 98.101,
133.735

100, 0.769,
324.066

■ 89, 107.136,
133.580

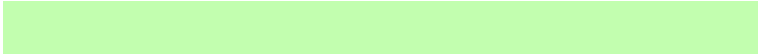
■ 88, 113.395,
133.823

■ 88, 116.684,
134.332

Harmonies

Complementary

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



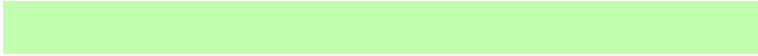
94, 45.830, 135.995



79, 46.653, 318.954

Rectangle

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



94, 45.830, 135.995



94, 45.830, 185.995



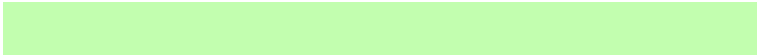
94, 45.830, 315.995



94, 45.830, 5.995

Sweetspot

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



94, 45.832, 135.996



98, 13.268, 137.207



93, 31.282, 93.393



52, 9.227, 137.134



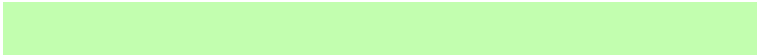
0, 0.000, 0.000



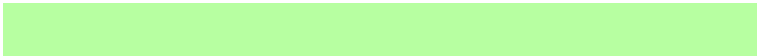
53, 0.007, 296.813

Same Dimension

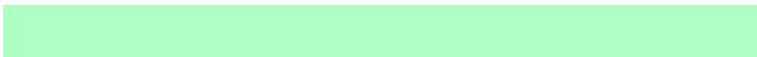
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 45.832, 135.996



94, 54.602, 135.633



93, 41.384, 149.850



52, 8.384, 137.182



68, 94.107, 134.151



23, 41.898, 133.274

Inverse Universe

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



79, 46.653, 318.954



76, 55.746, 319.204



81, 41.679, 334.485



50, 8.440, 317.988



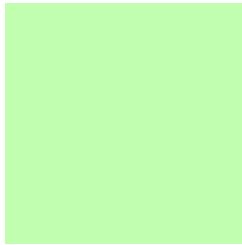
38, 95.458, 319.299



9, 43.716, 320.290

Previews

White Background



This preview shows how the CIELCh color 94, 45.830, 135.995 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, 45.830, 135.995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

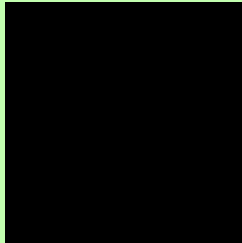
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 45.830, 135.995

Background



This preview shows how black text looks on a background with the CIELCh color 94, 45.830, 135.995.

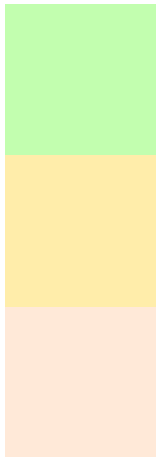


This preview shows how white text looks on a background with the CIELCh color 94, 45.830, 135.995.

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, 45.863, 135.988

Protanopia
94, 34.886, 95.692

Deuteranopia
94, 11.958, 66.420

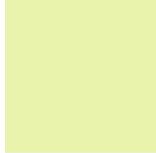


Tritanopia
94, 10.670, 241.715

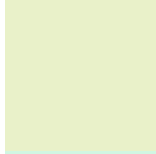
Trichromacy



Original Color
94, 45.863, 135.988



Protanomaly
94, 36.208, 113.466

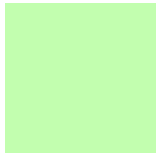


Deuteranomaly
94, 20.679, 116.856

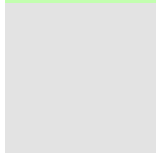


Tritanomaly
94, 16.686, 160.293

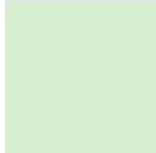
Monochromacy



Original Color
94, 45.863, 135.988



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, 45.830, 135.995 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(194, 254, 175)` looks like.

```
.text, #text, p{  
    color:rgb(194, 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(194, 254, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 254, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 45.830, 135.995 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(194, 254, 175) }
```

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

```
.border{ border-color:rgb(194, 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(194, 254, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 254, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 254, 175);  
box-shadow:4px 4px 4px 4px rgb(194, 254,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 45.830, 135.995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 254, 175) }
```

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

```
.background{ background-color: rgb(194,  
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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