

Converting Colors

CIELCh(94, 46.971, 137.125)

Have a look what the booklet for
CIELCh(94, 46.971, 137.125)
contains.

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Color

CIElCh(94, 46.407, 137.068)

Conversions

Conversions Part 1

Format	Color
Hex	BFEEAF
RGB	191, 254, 175
RGB Percent	75%, 100%, 69%
CMY	0.2499, 0.0028, 0.3127
CMYK	0.25, 0.00, 0.31, 0.00
HSL	108°, 98%, 84%
HSV	108°, 31%, 100%
XYZ	64.8428, 85.2715, 53.7304
YIQ	226.1570, -12.1890, -37.9250

Conversions

Conversions Part 2

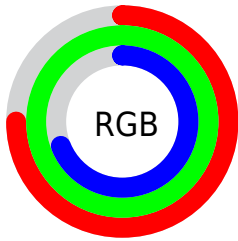
Format	Color
RYB	175, 254, 238
Decimal	12582575
CIELab	94.00, -33.98, 31.61
CIELCh	94, 46.407, 137.068
Yxy	85.2715, 0.3181, 0.4183
Android (android.graphics.Color)	4290772655 (0xFFBFFEAF)
YUV	226.1570, -25.2204, -30.8327
Hunter-Lab	92.3426, -36.2572, 30.1413

Details

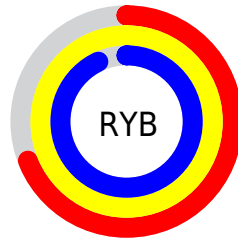
The CIELCh color **94, 46.407, 137.068** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **80, 47.080, 320.120**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 12.365, 119.324**, and **74, 46.312, 137.077** is the 20% darker color. If you saturate the color by 10%, you get **93, 61.011, 136.407**, and if you desaturate by 10%, it is **96, 31.493, 137.679**.

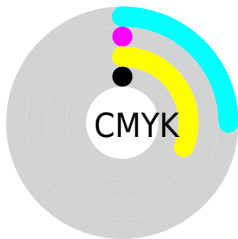
Distribution



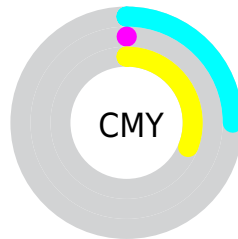
- Red (75%)
- Green (100%)
- Blue (69%)



- Red (69%)
- Yellow (100%)
- Blue (93%)



- Cyan (25%)
- Magenta (0%)
- Yellow (31%)
- Black (0%)



- Cyan (25%)
- Magenta (0%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 46.407, 137.068 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, 46.407, 137.068 by changing the saturation by 10% instead.

 94, 46.407,
137.068


 94, 46.407,
137.068

 100, 46.407,
137.068


 84, 46.407,
137.068

 74, 46.407,
137.068

 64, 46.407,
137.068

 54, 46.407,
137.068

 44, 46.407,
137.068

 34, 46.407,
137.068

 24, 46.407,

137.068

■ 14, 46.407,
137.068

■ 4, 46.407, 137.068

■ 94, 46.407,
137.068

■ 94, 46.407,
137.068

■ 93, 61.011,
136.407

■ 96, 31.493,
137.679

■ 91, 74.983,
135.722

■ 98, 16.495,
138.228

■ 90, 87.897,
135.072

■ 100, 1.583,
138.845

■ 89, 99.196,
134.552

■ 100, 0.459,
323.783

■ 89, 108.226,
134.292

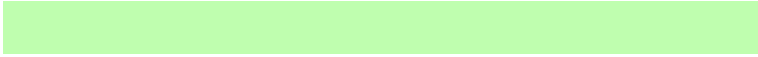
■ 88, 114.410,
134.412

■ 88, 117.579,
134.803

Harmonies

Complementary

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



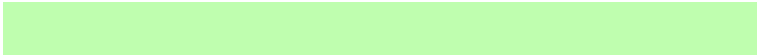
94, 46.407, 137.068



80, 47.080, 320.120

Rectangle

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



94, 46.407, 137.068



94, 46.407, 187.068



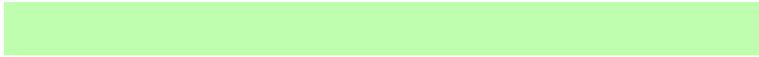
94, 46.407, 317.068



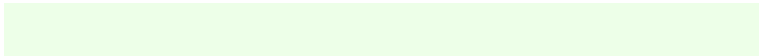
94, 46.407, 7.068

Sweetspot

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



94, 46.409, 137.069



98, 13.419, 138.336



94, 32.292, 95.654



52, 9.332, 138.261



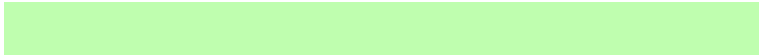
0, 0.000, 0.000



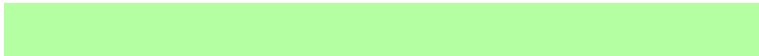
53, 0.007, 296.813

Same Dimension

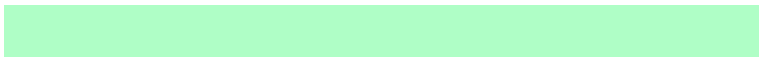
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 46.409, 137.069



93, 55.242, 136.681



94, 40.384, 151.080



52, 8.479, 138.310



68, 94.711, 134.645



23, 42.228, 133.924

Inverse Universe

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



80, 47.080, 320.120



76, 56.164, 320.373



81, 40.771, 335.856



50, 8.528, 319.140



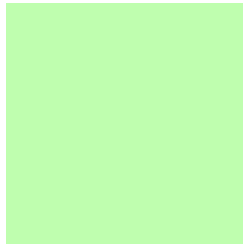
39, 94.899, 320.598



10, 43.507, 321.462

Previews

White Background



This preview shows how the CIELCh color 94, 46.407, 137.068 looks on a white background.

Color Contrast Check

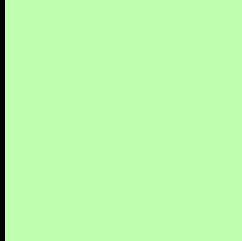
Large Text (above 18pt) WCAG AA × Fail

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, 46.407, 137.068 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, 46.407, 137.068

Background



This preview shows how black text looks on a background with the CIELCh color 94, 46.407, 137.068.

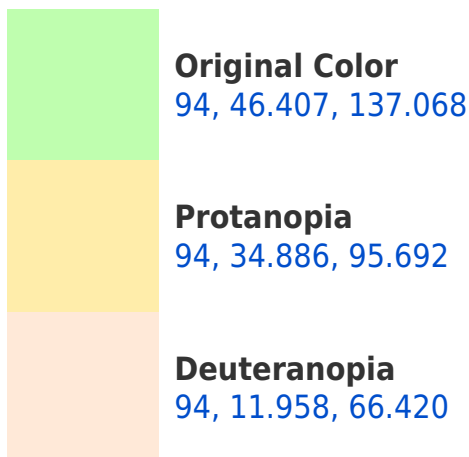


This preview shows how white text looks on a background with the CIELCh color 94, 46.407, 137.068.

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



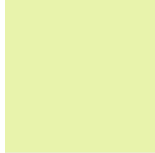


Tritanopia
94, 10.911, 240.548

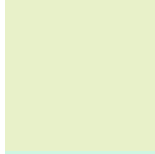
Trichromacy



Original Color
94, 46.407, 137.068



Protanomaly
94, 36.255, 114.068

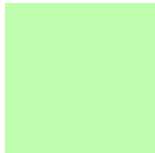


Deuteranomaly
94, 20.741, 117.865

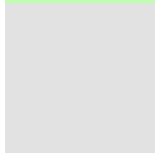


Tritanomaly
94, 17.227, 161.626

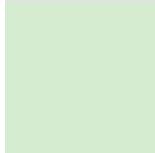
Monochromacy



Original Color
94, 46.407, 137.068



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 16.762, 138.889

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 46.407, 137.068 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(191, 254, 175)` looks like.

```
.text, #text, p{  
    color:rgb(191, 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(191, 254, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 254, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 46.407, 137.068 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(191, 254, 175) }
```

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

```
.border{ border-color:rgb(191, 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(191, 254, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 254, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 254, 175);  
box-shadow:4px 4px 4px 4px rgb(191, 254,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 46.407, 137.068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 254, 175) }
```

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

```
.background{ background-color: rgb(191,  
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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