

Converting Colors

CIELCh(94, 24.295, 127.044)

Have a look what the booklet for
CIELCh(94, 24.295, 127.044)
contains.

CIELCh(94, 24.295, 127.037)	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(94, 24.295, 127.037)

Conversions

Conversions Part 1

Format	Color
Hex	E0F5C8
RGB	224, 245, 200
RGB Percent	88%, 96%, 78%
CMY	0.1218, 0.0394, 0.2159
CMYK	0.09, 0.00, 0.18, 0.04
HSL	88°, 69%, 87%
HSV	88°, 18%, 96%
XYZ	73.7730, 85.2715, 67.1771
YIQ	233.5910, 1.9290, -18.4470

Conversions

Conversions Part 2

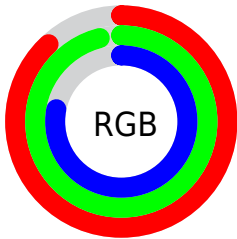
Format	Color
R_{YB}	200, 245, 221
Decimal	14742984
CIE _{Lab}	94.00, -14.63, 19.39
CIE _{LCh}	94, 24.295, 127.037
Yxy	85.2715, 0.3261, 0.3769
Android (android.graphics.Color)	4292933064 (0xFFE0F5C8)
YUV	233.5910, -16.5604, -8.4113
Hunter-Lab	92.3426, -18.9950, 21.5077

Details

The CIELCh color **94, 24.295, 127.037** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **84, 24.965, 308.791**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 24.354, 126.781** is the 20% darker color. If you saturate the color by 10%, you get **93, 37.445, 126.541**, and if you desaturate by 10%, it is **95, 11.062, 127.527**.

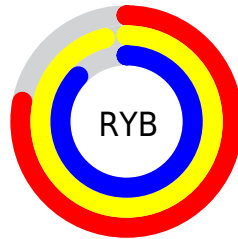
Distribution



Red (88%)

Green (96%)

Blue (78%)



Red (78%)

Yellow (96%)

Blue (87%)

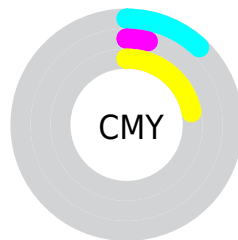


Cyan (9%)

Magenta (0%)

Yellow (18%)

Black (4%)



Cyan (12%)


Magenta (4%)

Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 24.295, 127.037 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, 24.295, 127.037 by changing the saturation by 10% instead.


 94, 24.295,
127.037


 94, 24.295,
127.037

 100, 24.295,
127.037


 84, 24.295,
127.037

 74, 24.295,
127.037

 64, 24.295,
127.037

 54, 24.295,
127.037

 44, 24.295,
127.037

 34, 24.295,
127.037

 24, 24.295,

127.037

■ 14, 24.295,
127.037

■ 4, 24.295, 127.037

■ 94, 24.295,
127.037

■ 94, 24.295,
127.037

■ 93, 37.445,
126.541

■ 95, 11.062,
127.527

■ 92, 50.361,
126.051

■ 97, 2.159, 307.912

■ 91, 62.835,
125.606

■ 98, 6.263, 324.610

■ 90, 74.559,
125.265

■ 89, 85.098,
125.118

■ 88, 93.894,
125.287

■ 88, 100.390,
125.898

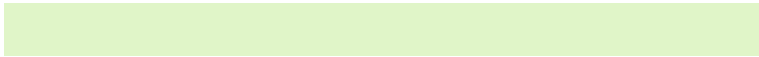
■ 87, 104.414,
127.000

■ 87, 104.957,
127.191

Harmonies

Complementary

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



94, 24.295, 127.037



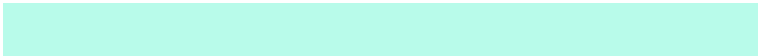
84, 24.965, 308.791

Rectangle

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



94, 24.295, 127.037



94, 24.295, 177.037



94, 24.295, 307.037



94, 24.295, 357.037

Sweetspot

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



94, 24.297, 127.039



99, 8.184, 127.641



90, 14.206, 69.516



53, 5.430, 127.609



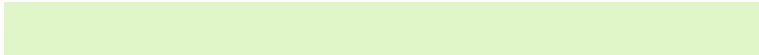
0, 0.000, 0.000



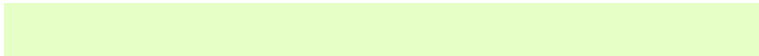
53, 0.007, 296.813

Same Dimension

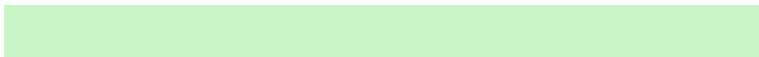
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 24.297, 127.039



97, 30.047, 126.857



93, 28.098, 142.438



51, 7.508, 127.473



68, 85.192, 126.909



22, 36.137, 125.628

Inverse Universe

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



84, 24.965, 308.791



84, 31.048, 308.990



86, 28.152, 324.514



47, 7.619, 308.331



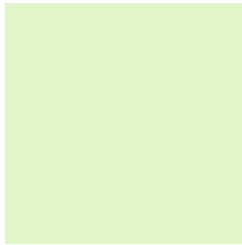
28, 99.215, 311.161



5, 41.401, 311.416

Previews

White Background



This preview shows how the CIELCh color 94, 24.295, 127.037 looks on a white background.

Color Contrast Check

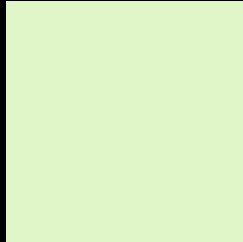
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 94, 24.295, 127.037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

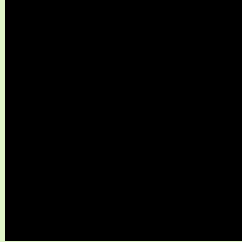
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

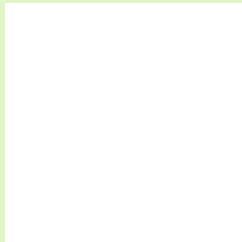
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 24.295, 127.037

Background



This preview shows how black text looks on a background with the CIELCh color 94, 24.295, 127.037.

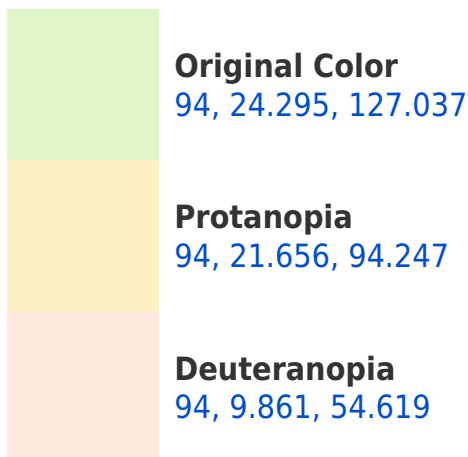


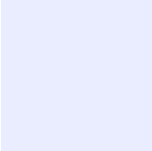
This preview shows how white text looks on a background with the CIELCh color 94, 24.295, 127.037.

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](#).

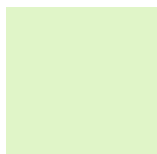
Dichromacy



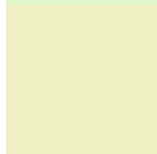


Tritanopia
94, 9.350, 282.513

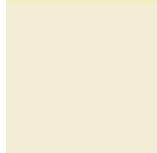
Trichromacy



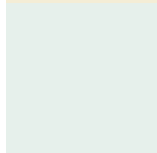
Original Color
94, 24.295, 127.037



Protanomaly
94, 21.968, 107.450

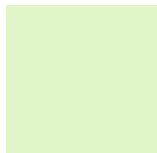


Deuteranomaly
94, 12.063, 96.863

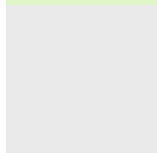


Tritanomaly
94, 4.389, 163.414

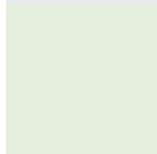
Monochromacy



Original Color
94, 24.295, 127.037



Achromatopsia
93, 0.011, 296.813



Achromatomaly
93, 8.738, 128.788

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 24.295, 127.037 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(224, 245, 200)` looks like.

```
.text, #text, p{  
    color:rgb(224, 245, 200)  
}
```

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(224, 245, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 245, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 24.295, 127.037 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(224, 245, 200) }
```

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

```
.border{ border-color:rgb(224, 245, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 245, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 245, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 245, 200);  
box-shadow:4px 4px 4px 4px rgb(224, 245,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 24.295, 127.037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 245, 200) }
```

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

```
.background{ background-color: rgb(224,  
245, 200) }
```

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