

Converting Colors

CIELCh(97, 45.587, 277.233)

Have a look what the booklet for
CIELCh(97, 45.587, 277.233)
contains.

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Color

CIELCh(94, 15.277, 214.252)

Conversions

Conversions Part 1

Format	Color
Hex	C9F6FE
RGB	201, 246, 254
RGB Percent	79%, 96%, 100%
CMY	0.2127, 0.0363, 0.0050
CMYK	0.21, 0.03, 0.00, 0.00
HSL	189°, 95%, 89%
HSV	189°, 21%, 100%
XYZ	74.7434, 85.2715, 106.0555
YIQ	233.4570, -29.3880, -7.0520

Conversions

Conversions Part 2

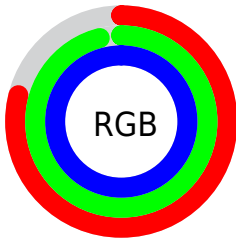
Format	Color
R _Y B	201, 225, 254
Decimal	13235966
CIE Lab	94.00, -12.63, -8.60
CIE LCh	94, 15.277, 214.252
Yxy	85.2715, 0.2809, 0.3205
Android (android.graphics.Color)	4291426046 (0xFFC9F6FE)
YUV	233.4570, 10.1277, -28.4648
Hunter-Lab	92.3426, -17.1191, -3.4548

Details

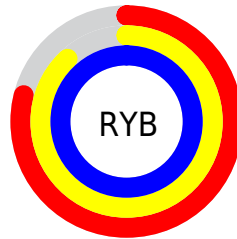
The CIELCh color **94, 15.277, 214.252** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **87, 17.633, 34.138**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 15.327, 212.729** is the 20% darker color. If you saturate the color by 10%, you get **92, 21.784, 214.582**, and if you desaturate by 10%, it is **97, 8.202, 214.090**.

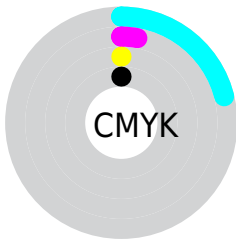
Distribution



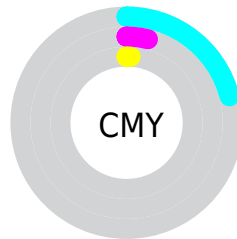
- Red (79%)
- Green (96%)
- Blue (100%)



- Red (79%)
- Yellow (88%)
- Blue (100%)



- Cyan (21%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)





- Cyan (21%)
- Magenta (4%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 15.277, 214.252 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, 15.277, 214.252 by changing the saturation by 10% instead.


 94, 15.277,
214.252


 94, 15.277,
214.252


 100, 15.277,
214.252


 84, 15.277,
214.252

 74, 15.277,
214.252

 64, 15.277,
214.252

 54, 15.277,
214.252

 44, 15.277,
214.252

 34, 15.277,
214.252

 24, 15.277,

214.252

■ 14, 15.277,
214.252

■ 4, 15.277, 214.252

■ 94, 15.277,
214.252

■ 94, 15.277,
214.252

■ 92, 21.784,
214.582

■ 97, 8.202, 214.090

■ 99, 0.677, 214.917

■ 89, 27.596,
215.125

■ 100, 0.634,
110.008

■ 87, 32.590,
215.921

■ 85, 36.662,
217.027

■ 84, 39.740,
218.507

■ 82, 41.817,
220.430

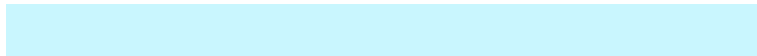
■ 81, 42.962,
222.855

■ 80, 43.398,
225.486

Harmonies

Complementary

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



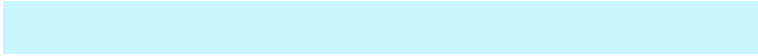
94, 15.277, 214.252



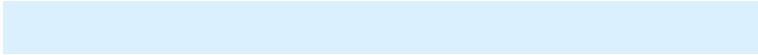
87, 17.633, 34.138

Rectangle

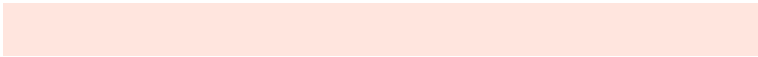
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



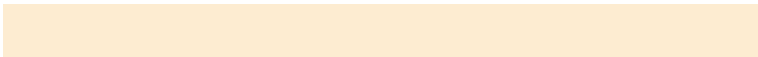
94, 15.277, 214.252



94, 15.277, 264.252



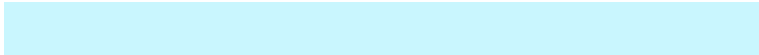
94, 15.277, 34.252



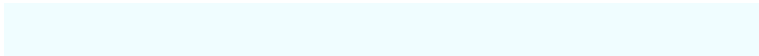
94, 15.277, 84.252

Sweetspot

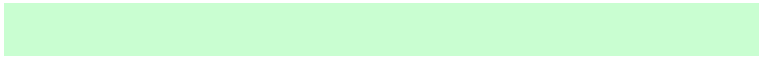
The Sweet Spot groups the original color and five complimentary colors.



94, 15.277, 214.245



98, 4.603, 214.107



95, 29.926, 147.398



52, 3.048, 214.098



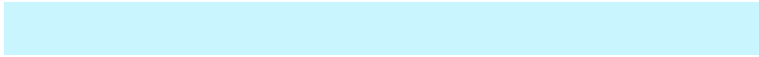
0, 0.000, 0.000



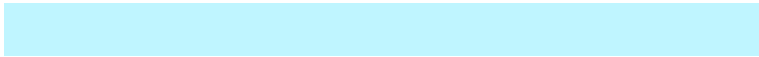
53, 0.007, 296.813

Same Dimension

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



94, 15.277, 214.245



93, 18.111, 214.362



87, 18.844, 272.830



52, 4.322, 214.086



61, 35.100, 224.926



20, 16.227, 221.032

Inverse Universe

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



87, 29.987, 330.137



85, 36.068, 330.400



94, 19.012, 87.068



50, 8.161, 329.418



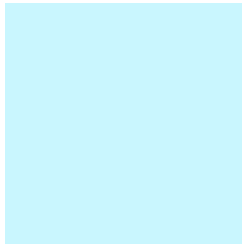
44, 82.704, 335.331



12, 38.586, 334.350

Previews

White Background



This preview shows how the CIE LCh color 94, 15.277, 214.252 looks on a white background.

Color Contrast Check

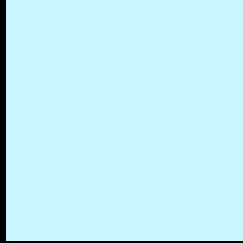
Large Text (above 18pt) WCAG AA × Fail

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, 15.277, 214.252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

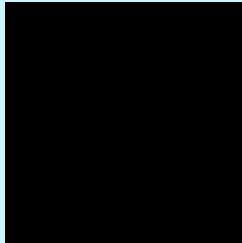
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

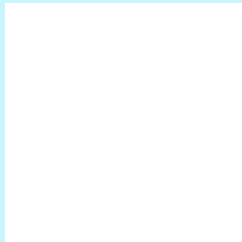
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 15.277, 214.252

Background



This preview shows how black text looks on a background with the CIELCh color 94, 15.277, 214.252.



This preview shows how white text looks on a background with the CIELCh color 94, 15.277, 214.252.

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](#).

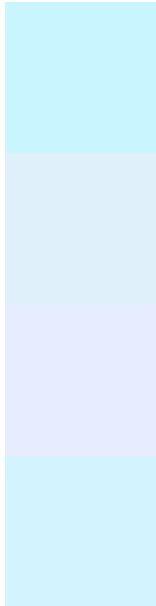
Dichromacy





Tritanopia
94, 11.105, 236.177

Trichromacy



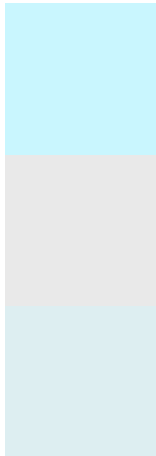
Original Color
94, 15.285, 214.254

Protanomaly
94, 7.425, 243.229

Deuteranomaly
94, 9.867, 283.007

Tritanomaly
94, 12.451, 228.710

Monochromacy



Original Color
94, 15.285, 214.254

Achromatopsia
92, 0.011, 296.813

Achromatomaly
93, 6.050, 213.989

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 15.277, 214.252 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(201, 246, 254)` looks like.

```
.text, #text, p{  
    color:rgb(201, 246, 254)  
}
```

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(201, 246, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 246, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 15.277, 214.252 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(201, 246, 254) }
```

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

```
.border{ border-color:rgb(201, 246, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 246, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 246, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 246, 254);  
box-shadow:4px 4px 4px 4px rgb(201, 246,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 15.277, 214.252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 246, 254) }
```

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

```
.background{ background-color: rgb(201,  
246, 254) }
```

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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