

Converting Colors

CIELCh(94, 16.140, 217.324)

Have a look what the booklet for
CIELCh(94, 16.140, 217.324)
contains.

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Color

CIELCh(94, 15.975, 215.465)

Conversions

Conversions Part 1

Format	Color
Hex	C7F6FF
RGB	199, 246, 255
RGB Percent	78%, 96%, 100%
CMY	0.2196, 0.0353, 0.0000
CMYK	0.22, 0.04, 0.00, 0.00
HSL	190°, 100%, 89%
HSV	190°, 22%, 100%
XYZ	74.5572, 85.2715, 107.1350
YIQ	232.9730, -30.9010, -7.1650

Conversions

Conversions Part 2

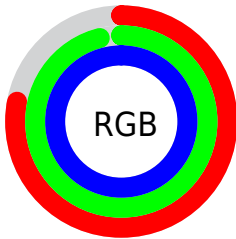
Format	Color
R_{YB}	199, 225, 255
Decimal	13104895
CIE _{Lab}	94.00, -13.01, -9.27
CIE _{LCh}	94, 15.975, 215.465
Y _{xy}	85.2715, 0.2793, 0.3194
Android (android.graphics.Color)	4291294975 (0xFFC7F6FF)
Y _{UV}	232.9730, 10.8593, -29.7943
Hunter-Lab	92.3426, -17.4791, -4.1479

Details

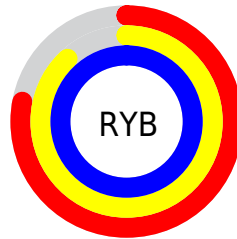
The CIELCh color **94, 15.975, 215.465** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **87, 18.583, 35.139**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 16.009, 214.090** is the 20% darker color. If you saturate the color by 10%, you get **92, 22.402, 215.879**, and if you desaturate by 10%, it is **97, 8.972, 215.229**.

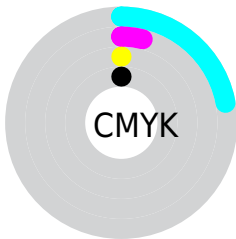
Distribution



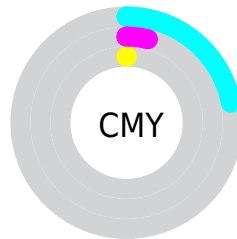
- Red (78%)
- Green (96%)
- Blue (100%)



- Red (78%)
- Yellow (88%)
- Blue (100%)



- Cyan (22%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 15.975, 215.465 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, 15.975, 215.465 by changing the saturation by 10% instead.

■ 94, 15.975,
215.465

■ 94, 15.975,
215.465

■ 100, 15.975,
215.465

■ 84, 15.975,
215.465

■ 74, 15.975,
215.465

■ 64, 15.975,
215.465

■ 54, 15.975,
215.465

■ 44, 15.975,
215.465

■ 34, 15.975,
215.465

■ 24, 15.975,

215.465

■ 14, 15.975,
215.465

■ 4, 15.975, 215.465

■ 94, 15.975,
215.465

■ 94, 15.975,
215.465

■ 92, 22.402,
215.879

■ 97, 8.972, 215.229

■ 99, 1.509, 215.466

■ 89, 28.128,
216.522

100, 0.011,
297.106

■ 87, 33.031,
217.438

■ 85, 37.011,
218.689

■ 83, 40.004,
220.346

■ 82, 42.011,
222.481

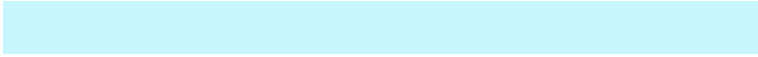
■ 80, 43.119,
225.156

■ 79, 43.538,
227.665

Harmonies

Complementary

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



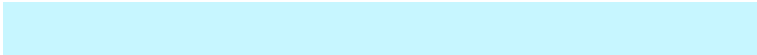
94, 15.975, 215.465



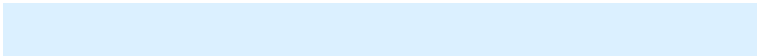
87, 18.583, 35.139

Rectangle

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



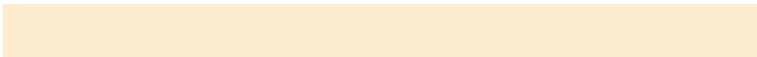
94, 15.975, 215.465



94, 15.975, 265.465



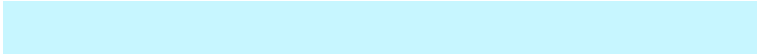
94, 15.975, 35.465



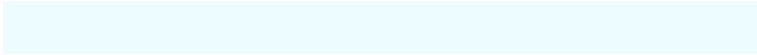
94, 15.975, 85.465

Sweetspot

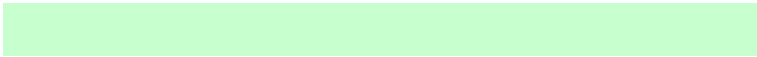
The Sweet Spot groups the original color and five complimentary colors.



94, 15.975, 215.458



98, 5.320, 215.202



95, 31.616, 147.308



52, 3.452, 215.200



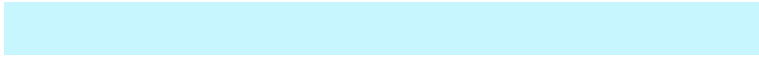
0, 0.000, 0.000



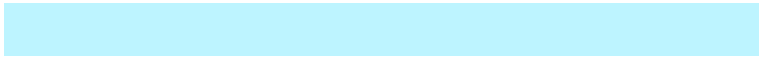
53, 0.007, 296.813

Same Dimension

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



94, 15.975, 215.458



93, 18.648, 215.604



87, 19.919, 273.018



52, 4.293, 215.205



61, 35.069, 227.055



20, 16.181, 222.873

Inverse Universe

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



86, 31.465, 330.540



84, 37.253, 330.800



94, 20.109, 86.923



50, 8.105, 329.743



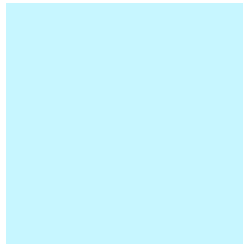
44, 82.084, 335.877



12, 38.329, 334.811

Previews

White Background



This preview shows how the CIE LCh color 94, 15.975, 215.465 looks on a white background.

Color Contrast Check

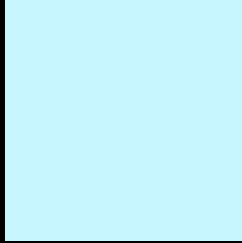
Large Text (above 18pt) WCAG AA × Fail

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, 15.975, 215.465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

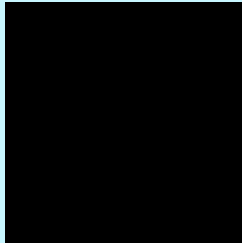
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 15.975, 215.465

Background



This preview shows how black text looks on a background with the CIELCh color 94, 15.975, 215.465.

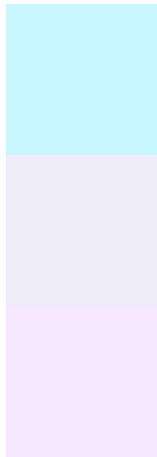


This preview shows how white text looks on a background with the CIELCh color 94, 15.975, 215.465.

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, 15.975, 215.465

Protanopia

94, 6.751, 296.605

Deuteranopia

94, 13.157, 315.959

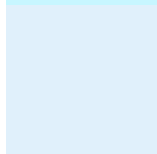


Tritanopia
94, 11.105, 236.177

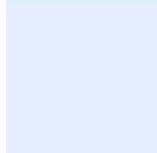
Trichromacy



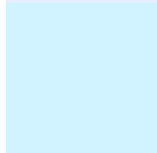
Original Color
94, 15.975, 215.465



Protanomaly
94, 7.775, 246.101

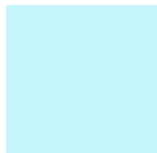


Deuteranomaly
94, 9.533, 276.441

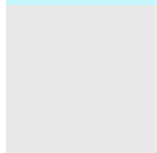


Tritanomaly
94, 12.728, 227.983

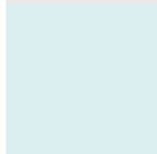
Monochromacy



Original Color
94, 15.975, 215.465



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, 15.975, 215.465 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(199, 246, 255)` looks like.

```
.text, #text, p{  
    color:rgb(199, 246, 255)  
}
```

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(199, 246, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 246, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 15.975, 215.465 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(199, 246, 255) }
```

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

```
.border{ border-color:rgb(199, 246, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 246, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 246, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 246, 255);  
box-shadow:4px 4px 4px 4px rgb(199, 246,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 15.975, 215.465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 246, 255) }
```

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

```
.background{ background-color: rgb(199,  
246, 255) }
```

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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