

Converting Colors

CIELCh(97, 51.643, 277.588)

Have a look what the booklet for
CIELCh(97, 51.643, 277.588)
contains.

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Color

CIELCh(94, 17.642, 211.969)

Conversions

Conversions Part 1

Format	Color
Hex	C2F7FF
RGB	194, 247, 255
RGB Percent	76%, 97%, 100%
CMY	0.2389, 0.0311, 0.0000
CMYK	0.24, 0.03, 0.00, 0.00
HSL	188°, 100%, 88%
HSV	188°, 24%, 100%
XYZ	73.6128, 85.2715, 107.2513
YIQ	232.0650, -34.1560, -8.7480

Conversions

Conversions Part 2

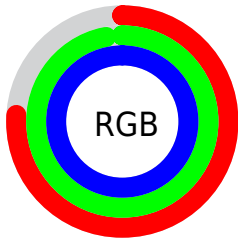
Format	Color
RYB	194, 222, 255
Decimal	12777471
CIELab	94.00, -14.97, -9.34
CIElCh	94, 17.642, 211.969
Yxy	85.2715, 0.2766, 0.3204
Android (android.graphics.Color)	4290967551 (0xFFC2F7FF)
YUV	232.0650, 11.3070, -33.3830
Hunter-Lab	92.3426, -19.3045, -4.2226

Details

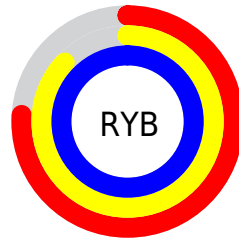
The CIELCh color **94, 17.642, 211.969** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **86, 20.848, 32.228**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 1.042, 199.975**, and **74, 17.701, 210.592** is the 20% darker color. If you saturate the color by 10%, you get **92, 24.056, 212.093**, and if you desaturate by 10%, it is **96, 10.592, 211.737**.

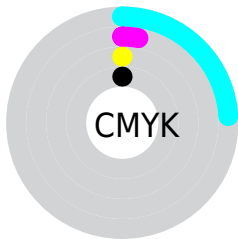
Distribution



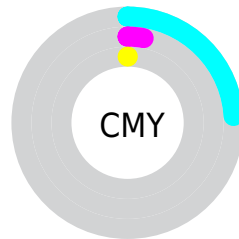
- Red (76%)
- Green (97%)
- Blue (100%)



- Red (76%)
- Yellow (87%)
- Blue (100%)



- Cyan (24%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)




- Cyan (24%)
- Magenta (3%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 17.642, 211.969 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, 17.642, 211.969 by changing the saturation by 10% instead.

 94, 17.642,
211.969


 94, 17.642,
211.969

 100, 17.642,
211.969


 84, 17.642,
211.969

 74, 17.642,
211.969

 64, 17.642,
211.969

 54, 17.642,
211.969

 44, 17.642,
211.969

 34, 17.642,
211.969

 24, 17.642,

211.969

■ 14, 17.642,
211.969

■ 4, 17.642, 211.969

■ 94, 17.642,
211.969

■ 94, 17.642,
211.969

■ 92, 24.056,
212.093

■ 96, 10.592,
211.737

■ 90, 29.720,
212.547

■ 99, 3.048, 211.892

■ 88, 34.504,
213.237

100, 0.012,
296.813

■ 86, 38.309,
214.215

■ 85, 41.078,
215.534

■ 83, 42.819,
217.254

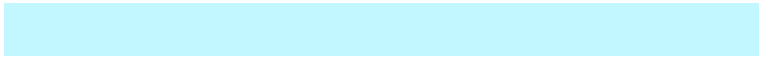
■ 82, 43.627,
219.419

■ 82, 43.801,
220.929

Harmonies

Complementary

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



94, 17.642, 211.969



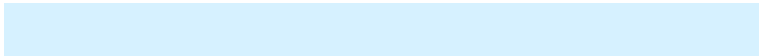
86, 20.848, 32.228

Rectangle

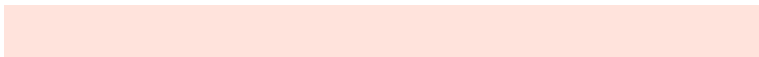
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



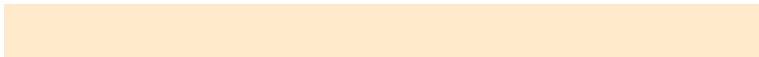
94, 17.642, 211.969



94, 17.642, 261.969



94, 17.642, 31.969



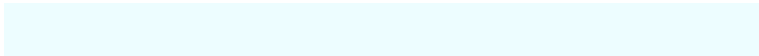
94, 17.642, 81.969

Sweetspot

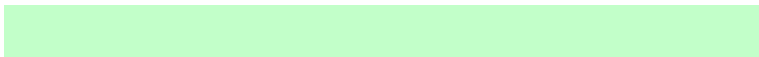
The Sweet Spot groups the original color and five complimentary colors.



94, 17.637, 211.832



98, 5.439, 211.785



95, 35.231, 146.113



52, 3.528, 211.774



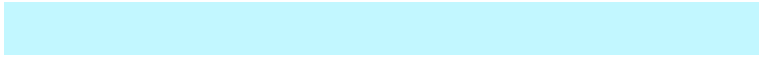
0, 0.000, 0.000



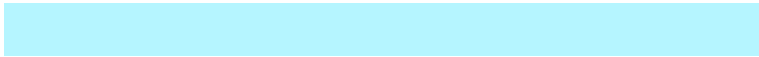
53, 0.007, 296.813

Same Dimension

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



94, 17.637, 211.832



93, 21.002, 211.943



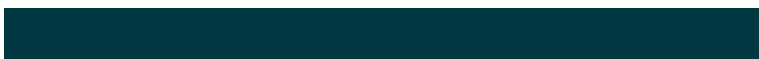
86, 20.874, 270.554



52, 4.389, 211.752



63, 35.311, 220.450



21, 16.375, 217.177

Inverse Universe

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



85, 34.972, 329.633



82, 42.409, 329.950



93, 21.320, 83.783



50, 8.282, 328.740



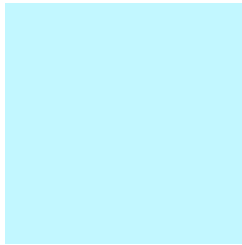
44, 84.052, 334.205



12, 39.142, 333.394

Previews

White Background



This preview shows how the CIELCh color 94, 17.642, 211.969 looks on a white background.

Color Contrast Check

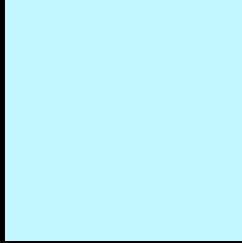
Large Text (above 18pt) WCAG AA × Fail

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, 17.642, 211.969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

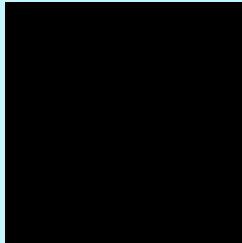
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 17.642, 211.969

Background



This preview shows how black text looks on a background with the CIELCh color 94, 17.642, 211.969.

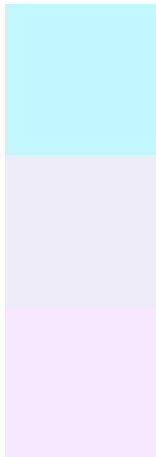


This preview shows how white text looks on a background with the CIELCh color 94, 17.642, 211.969.

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, 17.642, 211.969

Protanopia
94, 6.239, 297.063

Deuteranopia
94, 13.157, 315.959

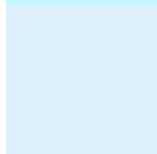


Tritanopia
94, 11.625, 234.231

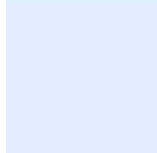
Trichromacy



Original Color
94, 17.642, 211.969



Protanomaly
94, 8.244, 242.696



Deuteranomaly
94, 9.709, 272.564

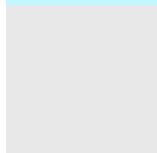


Tritanomaly
94, 13.652, 223.342

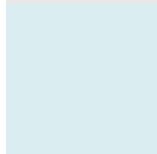
Monochromacy



Original Color
94, 17.642, 211.969



Achromatopsia
92, 0.011, 296.813



Achromatomaly
92, 6.711, 212.459

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 17.642, 211.969 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, 247, 255)` looks like.

```
.text, #text, p{  
    color:rgb(194, 247, 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(194, 247, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 247, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 17.642, 211.969 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, 247, 255) }
```

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

```
.border{ border-color:rgb(194, 247, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 247, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 247, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 247, 255);  
box-shadow:4px 4px 4px 4px rgb(194, 247,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 17.642, 211.969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 247, 255) }
```

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

```
.background{ background-color: rgb(194,  
247, 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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