

Converting Colors

CIELCh(94, 19.325, 209.103)

Have a look what the booklet for
CIELCh(94, 19.325, 209.103)
contains.

CIELCh(94, 19.329, 209.080)	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, 19.329, 209.080)

Conversions

Conversions Part 1

Format	Color
Hex	BDF8FF
RGB	189, 248, 255
RGB Percent	74%, 97%, 100%
CMY	0.2583, 0.0270, 0.0000
CMYK	0.26, 0.03, 0.00, 0.00
HSL	186°, 100%, 87%
HSV	186°, 26%, 100%
XYZ	72.6903, 85.2715, 107.3382
YIQ	231.1570, -37.4110, -10.3310

Conversions

Conversions Part 2

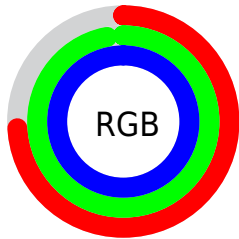
Format	Color
R_{YB}	189, 220, 255
Decimal	12450047
CIE _{Lab}	94.00, -16.89, -9.39
CIE _{LCh}	94, 19.329, 209.080
Yxy	85.2715, 0.2740, 0.3214
Android (android.graphics.Color)	4290640127 (0xFFBDF8FF)
YUV	231.1570, 11.7546, -36.9717
Hunter-Lab	92.3426, -21.0877, -4.2784

Details

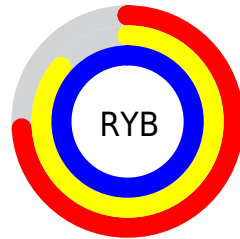
The CIELCh color **94, 19.329, 209.080** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **84, 23.195, 29.973**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 2.770, 199.469**, and **74, 19.400, 207.711** is the 20% darker color. If you saturate the color by 10%, you get **92, 25.727, 209.015**, and if you desaturate by 10%, it is **96, 12.252, 208.898**.

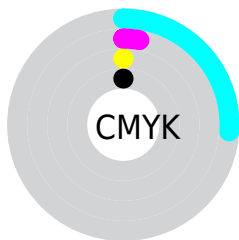
Distribution



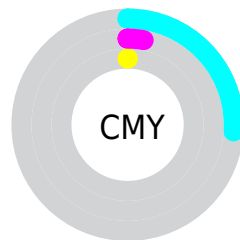
- Red (74%)
- Green (97%)
- Blue (100%)



- Red (74%)
- Yellow (86%)
- Blue (100%)



- Cyan (26%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (26%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 19.329, 209.080 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, 19.329, 209.080 by changing the saturation by 10% instead.

■ 94, 19.329,
209.080

■ 94, 19.329,
209.080

■ 100, 19.329,
209.080

■ 84, 19.329,
209.080

■ 74, 19.329,
209.080

■ 64, 19.329,
209.080

■ 54, 19.329,
209.080

■ 44, 19.329,
209.080

■ 34, 19.329,
209.080

■ 24, 19.329,

209.080

■ 14, 19.329,
209.080

■ 4, 19.329, 209.080

■ 94, 19.329,
209.080

■ 94, 19.329,
209.080

■ 92, 25.727,
209.015

■ 96, 12.252,
208.898

■ 90, 31.326,
209.315

■ 99, 4.641, 209.088

■ 89, 35.998,
209.819

100, 0.012,
296.813

■ 87, 39.648,
210.568

■ 86, 42.228,
211.603

■ 85, 43.760,
212.968

■ 84, 44.352,
214.692

■ 83, 44.427,
215.489

Harmonies

Complementary

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



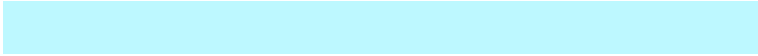
94, 19.329, 209.080



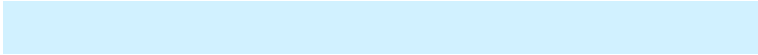
84, 23.195, 29.973

Rectangle

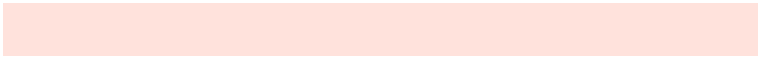
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 19.329, 209.080



94, 19.329, 259.080



94, 19.329, 29.080



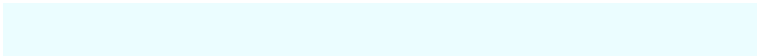
94, 19.329, 79.080

Sweetspot

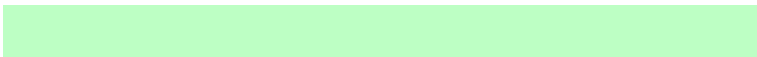
The Sweet Spot groups the original color and five complimentary colors.



94, 19.324, 208.884



98, 6.329, 209.020



94, 38.544, 145.448



52, 4.480, 208.986



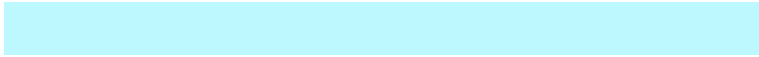
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



94, 19.324, 208.884



93, 22.724, 208.932



85, 22.158, 269.433



52, 4.480, 208.986



64, 35.829, 215.120



21, 16.644, 212.600

Inverse Universe

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



84, 38.482, 328.923



81, 46.097, 329.234



92, 22.816, 82.017



50, 8.431, 327.935



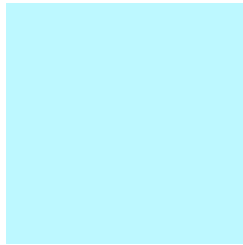
44, 85.752, 332.888



12, 39.840, 332.271

Previews

White Background



This preview shows how the CIE LCh color 94, 19.329, 209.080 looks on a white background.

Color Contrast Check

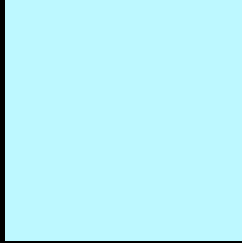
Large Text (above 18pt) WCAG AA × Fail

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, 19.329, 209.080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

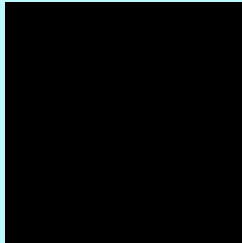
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 19.329, 209.080

Background



This preview shows how black text looks on a background with the CIELCh color 94, 19.329, 209.080.

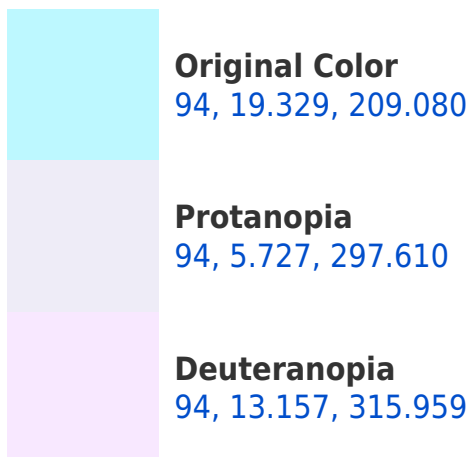


This preview shows how white text looks on a background with the CIELCh color 94, 19.329, 209.080.

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



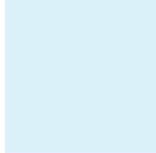


Tritanopia
94, 12.176, 229.471

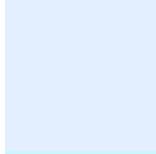
Trichromacy



Original Color
94, 19.329, 209.080



Protanomaly
94, 8.433, 236.874



Deuteranomaly
94, 9.447, 267.601

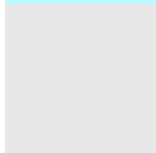


Tritanomaly
94, 14.642, 219.312

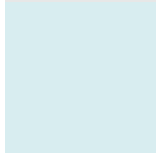
Monochromacy



Original Color
94, 19.329, 209.080



Achromatopsia
92, 0.011, 296.813



Achromatomaly
92, 7.368, 211.200

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 19.329, 209.080 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(189, 248, 255)` looks like.

```
.text, #text, p{  
    color:rgb(189, 248, 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(189, 248, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 248, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 19.329, 209.080 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(189, 248, 255) }
```

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

```
.border{ border-color:rgb(189, 248, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 248, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 248, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 248, 255);  
box-shadow:4px 4px 4px 4px rgb(189, 248,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 19.329, 209.080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 248, 255) }
```

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

```
.background{ background-color: rgb(189,  
248, 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](#).

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