

Converting Colors

CIE LCh(94, 22.330, 198.107)

Have a look what the booklet for
CIELCh(94, 22.330, 198.107)
contains.

CIELCh(94, 22.309, 198.022)	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, 22.309, 198.022)

Conversions

Conversions Part 1

Format	Color
Hex	B5FAFA
RGB	181, 250, 250
RGB Percent	71%, 98%, 98%
CMY	0.2893, 0.0187, 0.0188
CMYK	0.28, 0.00, 0.00, 0.02
HSL	180°, 88%, 85%
HSV	180°, 28%, 98%
XYZ	70.6485, 85.2715, 103.3563
YIQ	229.3690, -41.1240, -14.6280

Conversions

Conversions Part 2

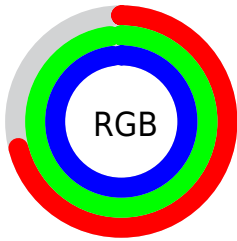
Format	Color
RYB	181, 216, 250
Decimal	11926266
CIELab	94.00, -21.21, -6.90
CIELCh	94, 22.309, 198.022
Yxy	85.2715, 0.2725, 0.3289
Android (android.graphics.Color)	4290116346 (0xFFB5FAFA)
YUV	229.3690, 10.1711, -42.4196
Hunter-Lab	92.3426, -25.0347, -1.7217

Details

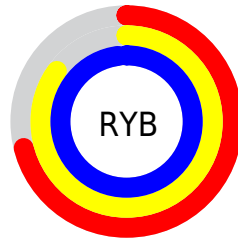
The CIELCh color `94, 22.309, 198.022` is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be `80, 26.943, 21.649`, and the grayscale version is `91, 0.011, 296.813`.

A 20% lighter version of the original color is `99, 5.840, 199.149`, and `74, 22.075, 199.164` is the 20% darker color. If you saturate the color by 10%, you get `93, 29.157, 197.591`, and if you desaturate by 10%, it is `95, 14.717, 198.507`.

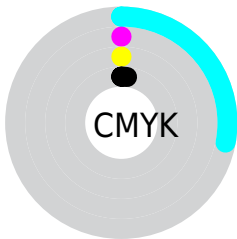
Distribution



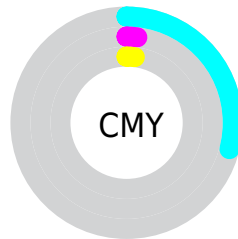
- Red (71%)
- Green (98%)
- Blue (98%)



- Red (71%)
- Yellow (85%)
- Blue (98%)



- Cyan (28%)
- Magenta (0%)
- Yellow (0%)
- Black (2%)




- Cyan (29%)
- Magenta (2%)
- Yellow (2%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 22.309, 198.022 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, 22.309, 198.022 by changing the saturation by 10% instead.

 94, 22.309,
198.022

 94, 22.309,
198.022

 100, 22.309,
198.022


 84, 22.309,
198.022

 74, 22.309,
198.022

 64, 22.309,
198.022

 54, 22.309,
198.022

 44, 22.309,
198.022

 34, 22.309,
198.022

 24, 22.309,

198.022

■ 14, 22.309,
198.022

■ 4, 22.309, 198.022

■ 94, 22.309,
198.022

■ 94, 22.309,
198.022

■ 93, 29.157,
197.591

■ 95, 14.717,
198.507

■ 92, 35.120,
197.226

■ 97, 6.523, 199.082

■ 91, 40.084,
196.928

■ 99, 1.681, 19.120

■ 99, 1.681, 19.099

■ 90, 43.969,
196.698

■ 99, 1.681, 19.077

90, 46.751,
196.534

99, 1.681, 19.055

99, 1.681, 19.033

90, 48.475,
196.433

99, 1.681, 19.012

90, 49.279,
196.386

99, 1.681, 18.990

90, 49.404,
196.378

Harmonies

Complementary

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



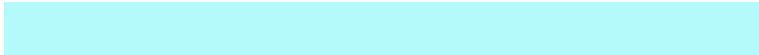
94, 22.309, 198.022



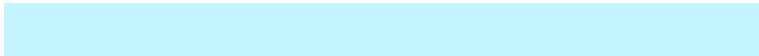
80, 26.943, 21.649

Rectangle

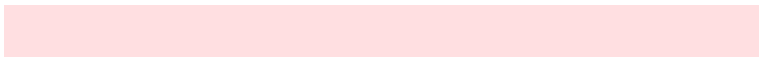
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 22.309, 198.022



94, 22.309, 248.022



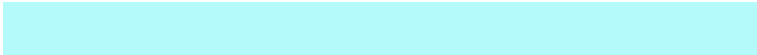
94, 22.309, 18.022



94, 22.309, 68.022

Sweetspot

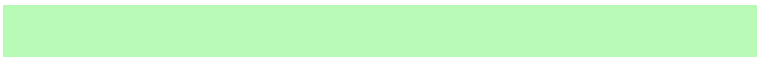
The Sweet Spot groups the original color and five complimentary colors.



94, 22.310, 198.018



99, 6.985, 199.054



93, 43.165, 142.136



52, 4.945, 198.958



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

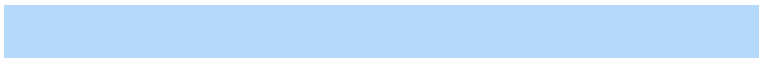
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 22.310, 198.018



95, 26.524, 197.777



85, 20.583, 257.831



51, 4.864, 198.960



69, 39.965, 196.379



23, 18.082, 196.380

Inverse Universe

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



80, 26.943, 21.649



78, 33.409, 22.333



88, 22.395, 70.206



49, 5.167, 19.938



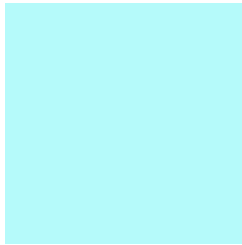
39, 83.389, 39.998



9, 32.195, 26.137

Previews

White Background



This preview shows how the CIE LCh color 94, 22.309, 198.022 looks on a white background.

Color Contrast Check

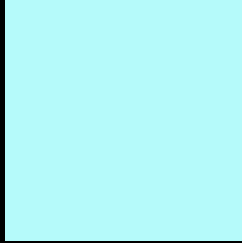
Large Text (above 18pt) WCAG AA × Fail

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, 22.309, 198.022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

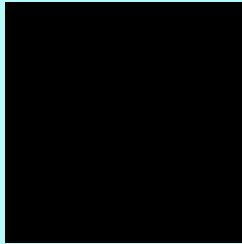
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 22.309, 198.022

Background



This preview shows how black text looks on a background with the CIELCh color 94, 22.309, 198.022.

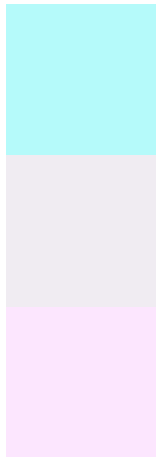


This preview shows how white text looks on a background with the CIELCh color 94, 22.309, 198.022.

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, 22.309, 198.022

Protanopia

94, 3.421, 314.714

Deuteranopia

94, 14.625, 322.633

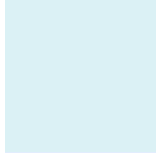


Tritanopia
94, 12.728, 227.983

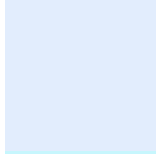
Trichromacy



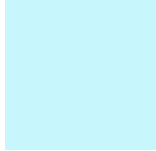
Original Color
94, 22.309, 198.022



Protanomaly
94, 7.771, 214.429

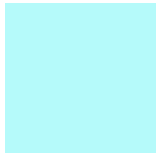


Deuteranomaly
93, 8.987, 266.232

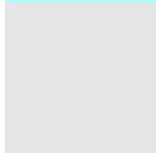


Tritanomaly
94, 15.800, 211.751

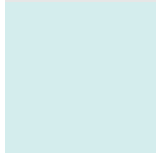
Monochromacy



Original Color
94, 22.309, 198.022



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 8.624, 198.902

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 22.309, 198.022 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(181, 250, 250)` looks like.

```
.text, #text, p{  
    color:rgb(181, 250, 250)  
}
```

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(181, 250, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 250, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 22.309, 198.022 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(181, 250, 250) }
```

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

```
.border{ border-color:rgb(181, 250, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 250, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 250, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 250, 250);  
box-shadow:4px 4px 4px 4px rgb(181, 250,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 22.309, 198.022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 250, 250) }
```

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

```
.background{ background-color: rgb(181,  
250, 250) }
```

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