

Converting Colors

CIELCh(94, 21.556, 192.059)

Have a look what the booklet for
CIELCh(94, 21.556, 192.059)
contains.

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Color

CIElCh(94, 21.468, 192.520)

Conversions

Conversions Part 1

Format	Color
Hex	B9FAF6
RGB	185, 250, 246
RGB Percent	73%, 98%, 96%
CMY	0.2748, 0.0199, 0.0356
CMYK	0.26, 0.00, 0.02, 0.02
HSL	176°, 86%, 85%
HSV	176°, 26%, 98%
XYZ	70.7688, 85.2715, 99.8502
YIQ	230.1090, -37.4560, -15.0240

Conversions

Conversions Part 2

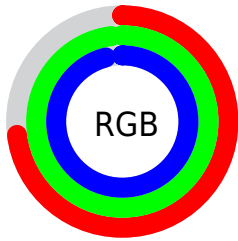
Format	Color
RYB	185, 219, 250
Decimal	12188406
CIELab	94.00, -20.96, -4.65
CIElCh	94, 21.468, 192.520
Yxy	85.2715, 0.2766, 0.3332
Android (android.graphics.Color)	4290378486 (0xFFB9FAF6)
YUV	230.1090, 7.8343, -39.5606
Hunter-Lab	92.3426, -24.8021, 0.5294

Details

The CIELCh color **94, 21.468, 192.520** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **81, 25.094, 16.714**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 4.482, 199.269**, and **74, 21.281, 193.373** is the 20% darker color. If you saturate the color by 10%, you get **93, 28.670, 191.827**, and if you desaturate by 10%, it is **95, 13.604, 193.222**.

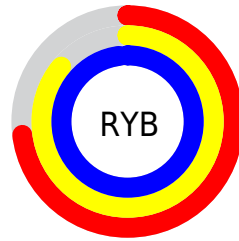
Distribution



Red (73%)

Green (98%)

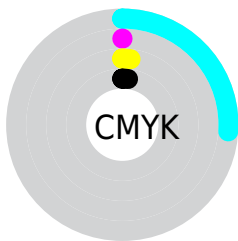
Blue (96%)



Red (73%)

Yellow (86%)

Blue (98%)

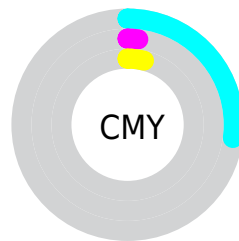


Cyan (26%)

Magenta (0%)

Yellow (2%)

Black (2%)



Cyan (27%)


Magenta (2%)


Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 21.468, 192.520 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, 21.468, 192.520 by changing the saturation by 10% instead.


 94, 21.468,
192.520


 94, 21.468,
192.520


 100, 21.468,
192.520


 84, 21.468,
192.520

 74, 21.468,
192.520

 64, 21.468,
192.520

 54, 21.468,
192.520

 44, 21.468,
192.520

 34, 21.468,
192.520

 24, 21.468,

192.520

■ 14, 21.468,
192.520

■ 4, 21.468, 192.520

■ 94, 21.468,
192.520

■ 94, 21.468,
192.520

■ 93, 28.670,
191.827

■ 95, 13.604,
193.222

■ 92, 35.061,
191.148

■ 97, 5.224, 193.995

■ 91, 40.510,
190.470

■ 99, 1.818, 9.270

■ 99, 2.109, 347.891

■ 90, 44.918,
189.785

■ 99, 2.611, 333.200

■ 90, 48.236,
189.080

■ 99, 3.163, 324.454

■ 89, 50.481,
188.340

■ 89, 51.759,
187.550

■ 89, 52.102,
187.226

Harmonies

Complementary

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



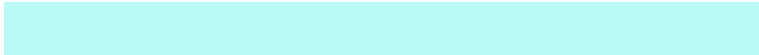
94, 21.468, 192.520



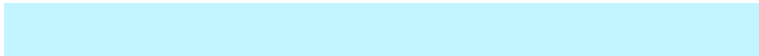
81, 25.094, 16.714

Rectangle

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



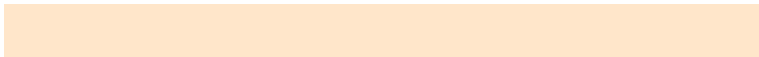
94, 21.468, 192.520



94, 21.468, 242.520



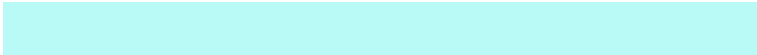
94, 21.468, 12.520



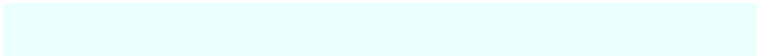
94, 21.468, 62.520

Sweetspot

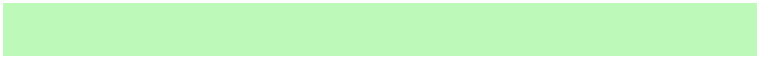
The Sweet Spot groups the original color and five complimentary colors.



94, 21.469, 192.516



99, 7.041, 193.825



93, 40.026, 141.031



52, 4.988, 193.705



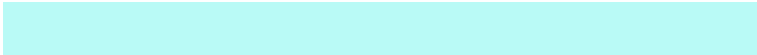
0, 0.000, 0.000



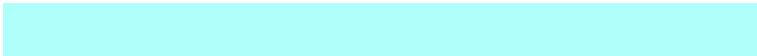
53, 0.007, 296.813

Same Dimension

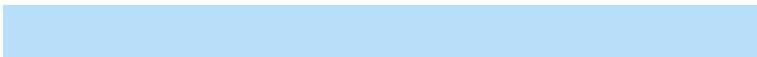
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 21.469, 192.516



95, 25.566, 192.168



87, 18.633, 251.593



51, 4.906, 193.706



69, 42.142, 187.373



23, 18.922, 188.456

Inverse Universe

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



81, 25.094, 16.714



79, 30.908, 17.380



88, 20.631, 64.959



49, 5.176, 14.962



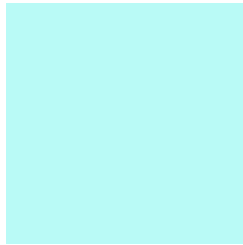
39, 80.826, 37.643



9, 31.761, 23.662

Previews

White Background



This preview shows how the CIE LCh color 94, 21.468, 192.520 looks on a white background.

Color Contrast Check

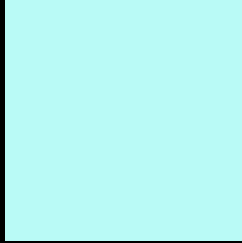
Large Text (above 18pt) WCAG AA × Fail

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, 21.468, 192.520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

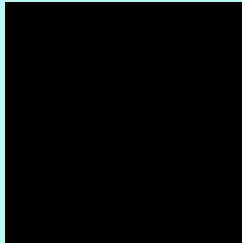
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 21.468, 192.520

Background



This preview shows how black text looks on a background with the CIELCh color 94, 21.468, 192.520.

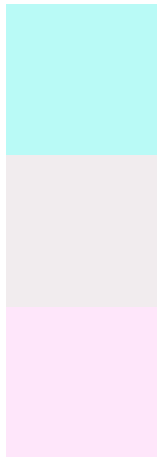


This preview shows how white text looks on a background with the CIELCh color 94, 21.468, 192.520.

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, 21.468, 192.520

Protanopia

94, 2.066, 349.352

Deuteranopia

94, 13.370, 329.941

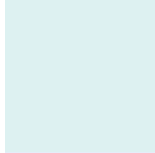


Tritanopia
94, 12.451, 228.710

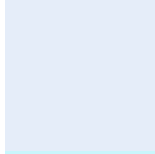
Trichromacy



Original Color
94, 21.468, 192.520



Protanomaly
94, 6.917, 199.040



Deuteranomaly
93, 6.724, 266.539

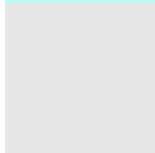


Tritanomaly
94, 15.129, 210.366

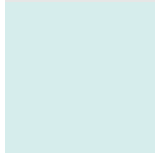
Monochromacy



Original Color
94, 21.468, 192.520



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 7.993, 195.229

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 21.468, 192.520 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(185, 250, 246)` looks like.

```
.text, #text, p{  
    color:rgb(185, 250, 246)  
}
```

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(185, 250, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 250, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 21.468, 192.520 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(185, 250, 246) }
```

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

```
.border{ border-color:rgb(185, 250, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 250, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 250, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 250, 246);  
box-shadow:4px 4px 4px 4px rgb(185, 250,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 21.468, 192.520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 250, 246) }
```

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

```
.background{ background-color: rgb(185,  
250, 246) }
```

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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