

Converting Colors

CIELCh(94, 16.776, 215.650)

Have a look what the booklet for
CIELCh(94, 16.776, 215.650)
contains.

CIELCh(94, 16.561, 214.815)	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, 16.561, 214.815)

Conversions

Conversions Part 1

Format	Color
Hex	C5F6FF
RGB	197, 246, 255
RGB Percent	77%, 96%, 100%
CMY	0.2262, 0.0340, 0.0000
CMYK	0.23, 0.03, 0.00, 0.00
HSL	189°, 100%, 89%
HSV	189°, 23%, 100%
XYZ	74.2736, 85.2715, 107.4364
YIQ	232.3750, -32.0930, -7.5890

Conversions

Conversions Part 2

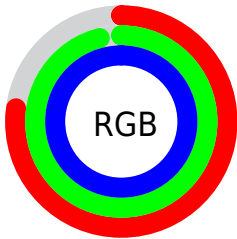
Format	Color
R_{YB}	197, 224, 255
Decimal	12973823
CIE Lab	94.00, -13.60, -9.46
CIE LCh	94, 16.561, 214.815
Yxy	85.2715, 0.2782, 0.3194
Android (android.graphics.Color)	4291163903 (0xFFC5F6FF)
YUV	232.3750, 11.1541, -31.0239
Hunter-Lab	92.3426, -18.0273, -4.3414

Details

The CIELCh color **94, 16.561, 214.815** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **87, 19.334, 34.120**, 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, 16.599, 213.475** is the 20% darker color. If you saturate the color by 10%, you get **92, 22.952, 214.573**, and if you desaturate by 10%, it is **97, 9.513, 214.023**.

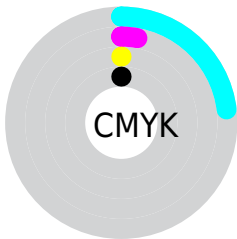
Distribution



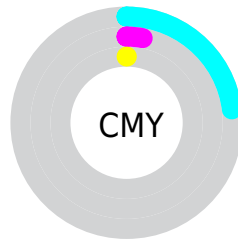
- Red (77%)
- Green (96%)
- Blue (100%)



- Red (77%)
- Yellow (88%)
- Blue (100%)



- Cyan (23%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)





- Cyan (23%)
- Magenta (3%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 16.561, 214.815 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, 16.561, 214.815 by changing the saturation by 10% instead.


 94, 16.561,
214.815


 94, 16.561,
214.815


 100, 16.561,
214.815


 84, 16.561,
214.815


 74, 16.561,
214.815

 64, 16.561,
214.815

 54, 16.561,
214.815

 44, 16.561,
214.815

 34, 16.561,
214.815

 24, 16.561,

214.815

■ 14, 16.561,
214.815

■ 4, 16.561, 214.815

■ 94, 16.561,
214.815

■ 94, 16.561,
214.815

■ 92, 22.952,
214.573

■ 97, 9.513, 214.023

■ 99, 2.025, 214.197

■ 89, 28.655,
215.152

100, 0.012,
296.813

■ 87, 33.515,
215.991

■ 85, 37.431,
217.150

■ 84, 40.344,
218.694

■ 82, 42.254,
220.691

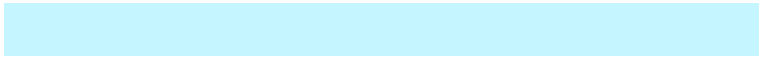
■ 81, 43.250,
223.196

■ 80, 43.566,
225.341

Harmonies

Complementary

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



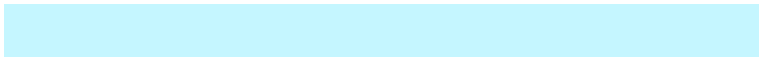
94, 16.561, 214.815



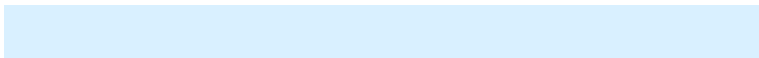
87, 19.334, 34.120

Rectangle

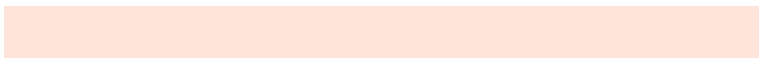
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



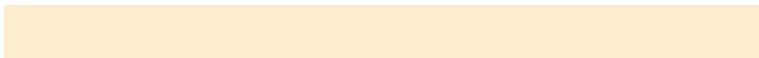
94, 16.561, 214.815



94, 16.561, 264.815



94, 16.561, 34.815



94, 16.561, 84.815

Sweetspot

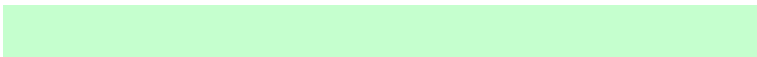
The Sweet Spot groups the original color and five complimentary colors.



94, 16.529, 214.207



98, 5.359, 214.016



95, 32.561, 147.253



52, 3.477, 214.011



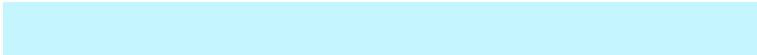
0, 0.000, 0.000



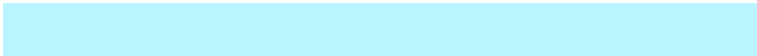
53, 0.007, 296.813

Same Dimension

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



94, 16.529, 214.207



93, 19.426, 214.344



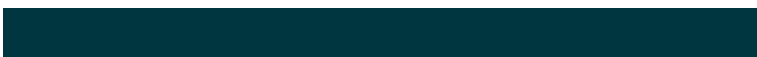
87, 20.523, 273.132



52, 4.324, 214.007



61, 35.104, 224.775



20, 16.231, 220.902

Inverse Universe

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



86, 32.644, 330.225



83, 38.961, 330.504



94, 20.725, 86.835



50, 8.165, 329.395



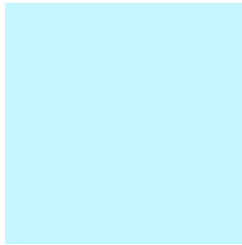
44, 82.748, 335.293



12, 38.604, 334.317

Previews

White Background



This preview shows how the CIE LCh color 94, 16.561, 214.815 looks on a white background.

Color Contrast Check

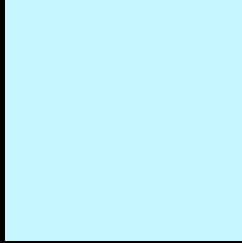
Large Text (above 18pt) WCAG AA × Fail

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, 16.561, 214.815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

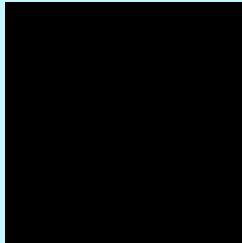
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 16.561, 214.815

Background



This preview shows how black text looks on a background with the CIELCh color 94, 16.561, 214.815.

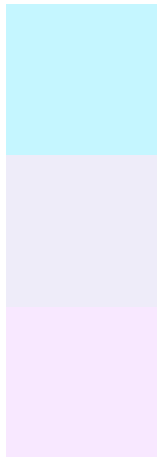


This preview shows how white text looks on a background with the CIELCh color 94, 16.561, 214.815.

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, 16.561, 214.815

Protanopia
94, 6.751, 296.605

Deuteranopia
94, 13.157, 315.959

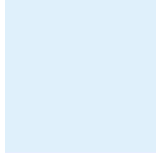


Tritanopia
94, 11.364, 235.181

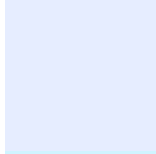
Trichromacy



Original Color
94, 16.561, 214.815



Protanomaly
94, 8.006, 244.347



Deuteranomaly
94, 9.533, 276.441

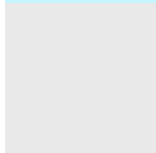


Tritanomaly
94, 13.081, 224.522

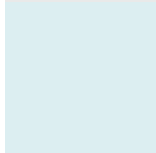
Monochromacy



Original Color
94, 16.561, 214.815



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 6.378, 213.185

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 16.561, 214.815 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(197, 246, 255)` looks like.

```
.text, #text, p{  
    color:rgb(197, 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(197, 246, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 246, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 16.561, 214.815 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(197, 246, 255) }
```

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

```
.border{ border-color:rgb(197, 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(197, 246, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 246, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 246, 255);  
box-shadow:4px 4px 4px 4px rgb(197, 246,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 16.561, 214.815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 246, 255) }
```

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

```
.background{ background-color: rgb(197,  
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](#).

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