

Converting Colors

CIELCh(94, 14.396, 218.991)

Have a look what the booklet for
CIELCh(94, 14.396, 218.991)
contains.

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Color

CIELCh(94, 14.351, 219.768)

Conversions

Conversions Part 1

Format	Color
Hex	CCF5FF
RGB	204, 245, 255
RGB Percent	80%, 96%, 100%
CMY	0.2004, 0.0396, 0.0004
CMYK	0.20, 0.04, 0.00, 0.00
HSL	192°, 100%, 90%
HSV	192°, 20%, 100%
XYZ	75.5219, 85.2715, 106.9917
YIQ	233.8810, -27.6460, -5.5820

Conversions

Conversions Part 2

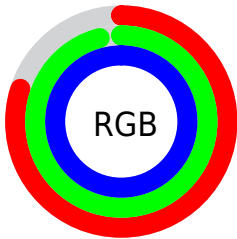
Format	Color
R _Y B	204, 227, 255
Decimal	13432319
CIE Lab	94.00, -11.03, -9.18
CIE LCh	94, 14.351, 219.768
Yxy	85.2715, 0.2820, 0.3184
Android (android.graphics.Color)	4291622399 (0xFFCCCF5FF)
YUV	233.8810, 10.4117, -26.2056
Hunter-Lab	92.3426, -15.6142, -4.0559

Details

The CIELCh color **94, 14.351, 219.768** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **89, 16.406, 38.743**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 14.344, 218.420** is the 20% darker color. If you saturate the color by 10%, you get **91, 20.793, 220.365**, and if you desaturate by 10%, it is **97, 7.387, 219.377**.

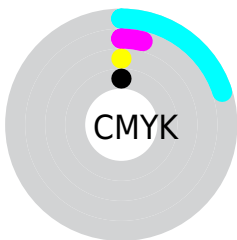
Distribution



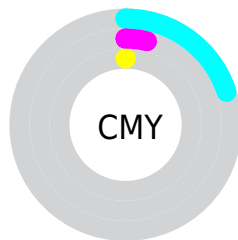
- Red (80%)
- Green (96%)
- Blue (100%)



- Red (80%)
- Yellow (89%)
- Blue (100%)



- Cyan (20%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (4%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 14.351, 219.768 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, 14.351, 219.768 by changing the saturation by 10% instead.

 94, 14.351,
219.768

 94, 14.351,
219.768

 100, 14.351,
219.768


 84, 14.351,
219.768

 74, 14.351,
219.768

 64, 14.351,
219.768

 54, 14.351,
219.768

 44, 14.351,
219.768

 34, 14.351,
219.768

 24, 14.351,

219.768

■ 14, 14.351,
219.768

■ 4, 14.351, 219.768

■ 94, 14.351,
219.768

■ 94, 14.351,
219.768

■ 91, 20.793,
220.365

■ 97, 7.387, 219.377

■ 89, 26.595,
221.223

100, 0.014,
272.827

■ 86, 31.643,
222.393

100, 0.045,
108.440

■ 84, 35.837,
223.948

■ 82, 39.116,
225.973

■ 80, 41.475,
228.553

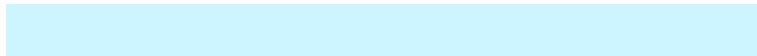
■ 78, 42.997,
231.758

■ 77, 43.920,
235.544

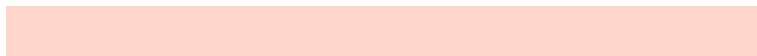
Harmonies

Complementary

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



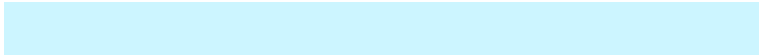
94, 14.351, 219.768



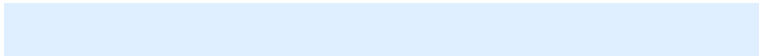
89, 16.406, 38.743

Rectangle

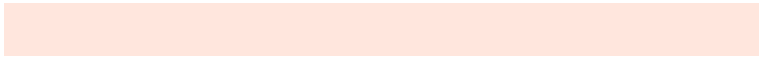
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



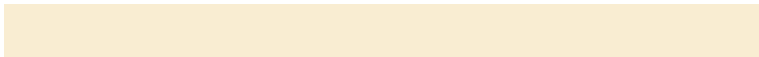
94, 14.351, 219.768



94, 14.351, 269.768



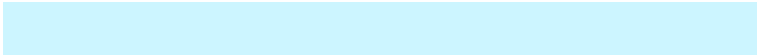
94, 14.351, 39.768



94, 14.351, 89.768

Sweetspot

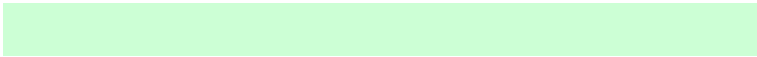
The Sweet Spot groups the original color and five complimentary colors.



94, 14.351, 219.760



98, 4.475, 219.309



96, 28.100, 148.553



52, 2.964, 219.314



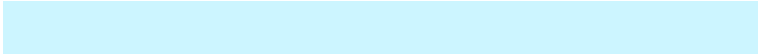
0, 0.000, 0.000



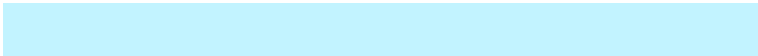
53, 0.007, 296.813

Same Dimension

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



94, 14.351, 219.760



93, 16.998, 219.975



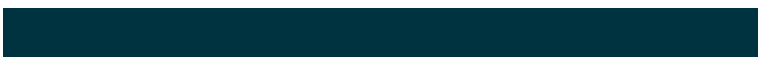
88, 18.832, 275.298



52, 4.203, 219.365



59, 35.330, 234.800



19, 16.143, 229.633

Inverse Universe

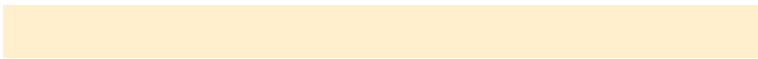
The Inverse Universe completely reimagines the original color for something new.



87, 27.950, 331.652



85, 33.558, 331.920



95, 18.840, 89.888



50, 7.905, 330.956



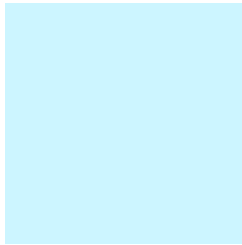
43, 79.916, 337.943



11, 37.424, 336.549

Previews

White Background



This preview shows how the CIE LCh color 94, 14.351, 219.768 looks on a white background.

Color Contrast Check

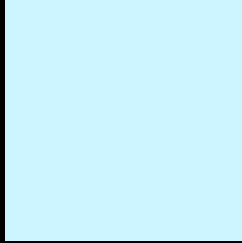
Large Text (above 18pt) WCAG AA × Fail

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, 14.351, 219.768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

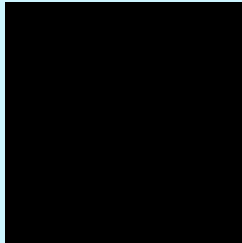
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 14.351, 219.768

Background



This preview shows how black text looks on a background with the CIELCh color 94, 14.351, 219.768.

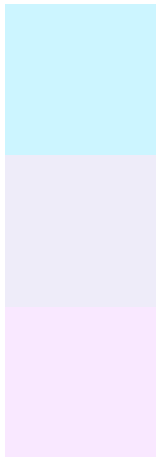


This preview shows how white text looks on a background with the CIELCh color 94, 14.351, 219.768.

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](#).

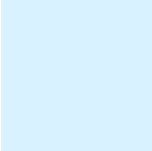
Dichromacy



Original Color
94, 14.351, 219.768

Protanopia
94, 6.751, 296.605

Deuteranopia
94, 13.308, 317.328

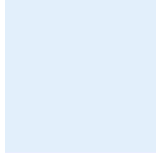


Tritanopia
94, 10.849, 237.222

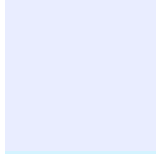
Trichromacy



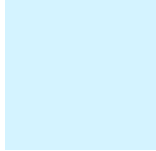
Original Color
94, 14.351, 219.768



Protanomaly
94, 7.534, 254.571

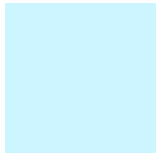


Deuteranomaly
94, 9.350, 282.513

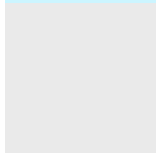


Tritanomaly
94, 11.902, 230.268

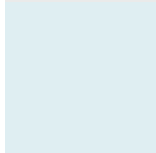
Monochromacy



Original Color
94, 14.351, 219.768



Achromatopsia
93, 0.011, 296.813



Achromatomaly
93, 5.547, 221.073

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 14.351, 219.768 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(204, 245, 255)` looks like.

```
.text, #text, p{  
    color:rgb(204, 245, 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(204, 245, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 245, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 14.351, 219.768 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(204, 245, 255) }
```

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

```
.border{ border-color:rgb(204, 245, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 245, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 245, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 245, 255);  
box-shadow:4px 4px 4px 4px rgb(204, 245,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 14.351, 219.768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 245, 255) }
```

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

```
.background{ background-color: rgb(204,  
245, 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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