

Converting Colors

CIELCh(94, 13.688, 219.486)

Have a look what the booklet for
CIELCh(94, 13.688, 219.486)
contains.

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Color

CIElCh(94, 13.623, 218.645)

Conversions

Conversions Part 1

Format	Color
Hex	CEF5FE
RGB	206, 245, 254
RGB Percent	81%, 96%, 100%
CMY	0.1936, 0.0407, 0.0054
CMYK	0.19, 0.04, 0.00, 0.01
HSL	191°, 95%, 90%
HSV	191°, 19%, 99%
XYZ	75.7132, 85.2715, 105.9096
YIQ	234.3650, -26.1330, -5.4690

Conversions

Conversions Part 2

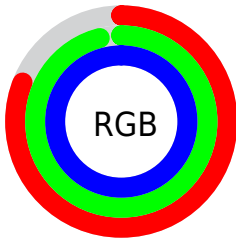
Format	Color
R _Y B	206, 228, 254
Decimal	13563390
CIE Lab	94.00, -10.64, -8.51
CIE LCh	94, 13.623, 218.645
Yxy	85.2715, 0.2837, 0.3195
Android (android.graphics.Color)	4291753470 (0xFFCE5FE)
YUV	234.3650, 9.6801, -24.8761
Hunter-Lab	92.3426, -15.2444, -3.3611

Details

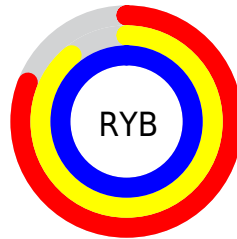
The CIELCh color **94, 13.623, 218.645** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **89, 15.462, 37.835**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 13.617, 217.129** is the 20% darker color. If you saturate the color by 10%, you get **91, 20.123, 219.163**, and if you desaturate by 10%, it is **97, 6.608, 218.327**.

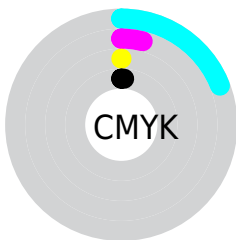
Distribution



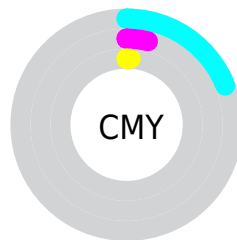
- Red (81%)
- Green (96%)
- Blue (100%)



- Red (81%)
- Yellow (89%)
- Blue (100%)



- Cyan (19%)
- Magenta (4%)
- Yellow (0%)
- Black (1%)





- Cyan (19%)
- Magenta (4%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 13.623, 218.645 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, 13.623, 218.645 by changing the saturation by 10% instead.


 94, 13.623,
218.645


 94, 13.623,
218.645


 100, 13.623,
218.645


 84, 13.623,
218.645

 74, 13.623,
218.645

 64, 13.623,
218.645

 54, 13.623,
218.645

 44, 13.623,
218.645

 34, 13.623,
218.645

 24, 13.623,

218.645

■ 14, 13.623,
218.645

■ 4, 13.623, 218.645

■ 94, 13.623,
218.645

■ 94, 13.623,
218.645

■ 91, 20.123,
219.163

■ 97, 6.608, 218.327

100, 0.392, 58.780

■ 89, 25.990,
219.927

100, 0.691,
110.014

■ 86, 31.107,
220.985

■ 84, 35.370,
222.405

■ 82, 38.709,
224.266

■ 80, 41.112,
226.653

■ 79, 42.644,
229.637

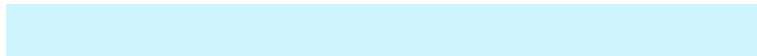
■ 77, 43.504,
233.219

■ 77, 43.587,
233.619

Harmonies

Complementary

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



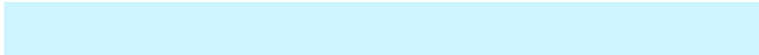
94, 13.623, 218.645



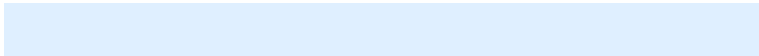
89, 15.462, 37.835

Rectangle

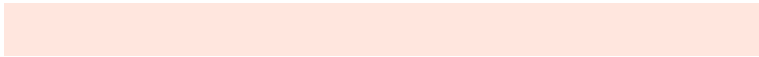
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 13.623, 218.645



94, 13.623, 268.645



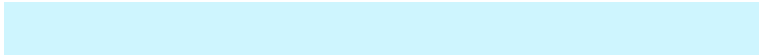
94, 13.623, 38.645



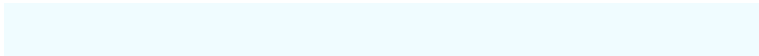
94, 13.623, 88.645

Sweetspot

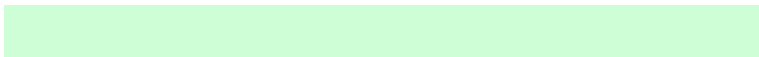
The Sweet Spot groups the original color and five complimentary colors.



94, 13.623, 218.637



98, 4.497, 218.297



95, 26.460, 148.642



52, 2.978, 218.299



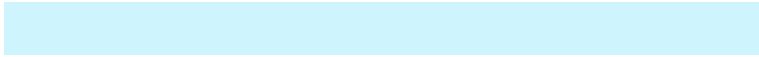
0, 0.000, 0.000



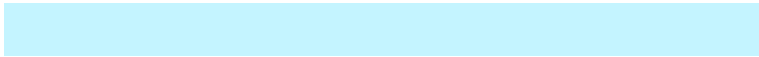
53, 0.007, 296.813

Same Dimension

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



94, 13.623, 218.637



93, 16.415, 218.826



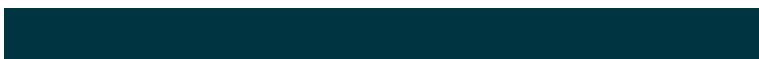
88, 17.720, 275.120



52, 4.223, 218.338



59, 35.212, 232.917



19, 16.133, 227.979

Inverse Universe

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



88, 26.475, 331.273



86, 32.350, 331.544



95, 17.725, 90.030



50, 7.953, 330.656



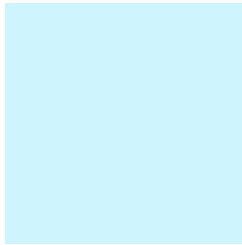
43, 80.433, 337.427



11, 37.641, 336.116

Previews

White Background



This preview shows how the CIE LCh color 94, 13.623, 218.645 looks on a white background.

Color Contrast Check

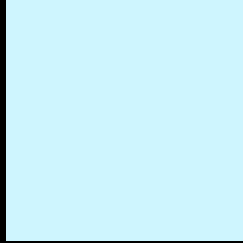
Large Text (above 18pt) WCAG AA × Fail

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, 13.623, 218.645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

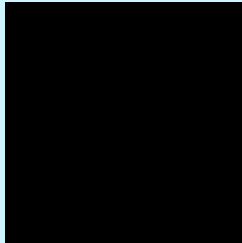
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 13.623, 218.645

Background



This preview shows how black text looks on a background with the CIELCh color 94, 13.623, 218.645.

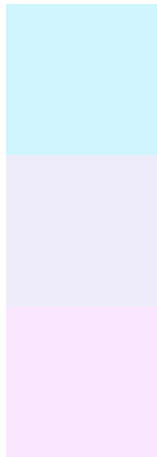


This preview shows how white text looks on a background with the CIELCh color 94, 13.623, 218.645.

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, 13.623, 218.645

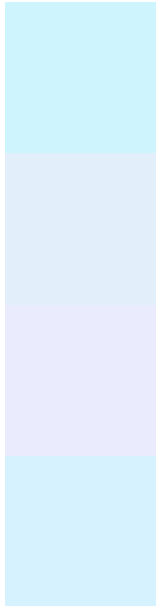
Protanopia
94, 6.239, 297.063

Deuteranopia
94, 14.093, 318.961



Tritanopia
94, 10.670, 241.715

Trichromacy



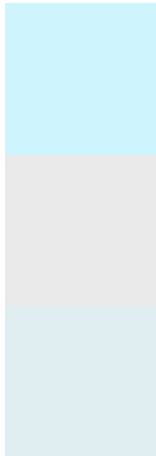
Original Color
94, 13.623, 218.645

Protanomaly
94, 7.130, 252.047

Deuteranomaly
94, 9.295, 286.687

Tritanomaly
94, 11.366, 231.988

Monochromacy



Original Color
94, 13.623, 218.645

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 5.070, 217.020

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 13.623, 218.645 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(206, 245, 254)` looks like.

```
.text, #text, p{  
    color:rgb(206, 245, 254)  
}
```

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(206, 245, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 245, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 13.623, 218.645 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(206, 245, 254) }
```

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

```
.border{ border-color:rgb(206, 245, 254) }
```

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

Here you see how a box with a 4 pixel rgb(206, 245, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 245, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 245, 254);  
box-shadow:4px 4px 4px 4px rgb(206, 245,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 13.623, 218.645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 245, 254) }
```

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

```
.background{ background-color: rgb(206,  
245, 254) }
```

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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