

Converting Colors

CIELCh(94, 15.605, 216.016)

Have a look what the booklet for
CIELCh(94, 15.605, 216.016)
contains.

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Color

CIELCh(94, 15.682, 215.808)

Conversions

Conversions Part 1

Format	Color
Hex	C8F6FF
RGB	200, 246, 255
RGB Percent	78%, 96%, 100%
CMY	0.2163, 0.0360, 0.0007
CMYK	0.22, 0.04, 0.00, 0.00
HSL	190°, 99%, 89%
HSV	190°, 22%, 100%
XYZ	74.6995, 85.2715, 106.9837
YIQ	233.2720, -30.3050, -6.9530

Conversions

Conversions Part 2

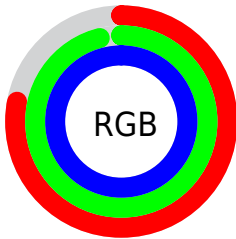
Format	Color
R_{YB}	200, 225, 255
Decimal	13170431
CIE _{Lab}	94.00, -12.72, -9.18
CIE _{LCh}	94, 15.682, 215.808
Y _{xy}	85.2715, 0.2798, 0.3194
Android (android.graphics.Color)	4291360511 (0xFFC8F6FF)
YUV	233.2720, 10.7119, -29.1795
Hunter-Lab	92.3426, -17.2039, -4.0507

Details

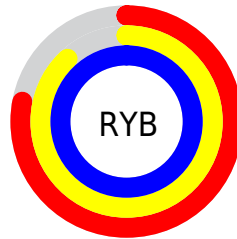
The CIELCh color **94, 15.682, 215.808** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **87, 18.186, 35.422**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 15.712, 214.417** is the 20% darker color. If you saturate the color by 10%, you get **91, 22.120, 216.233**, and if you desaturate by 10%, it is **97, 8.675, 215.564**.

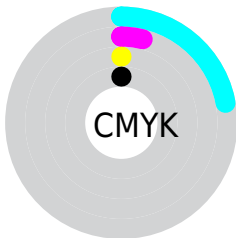
Distribution



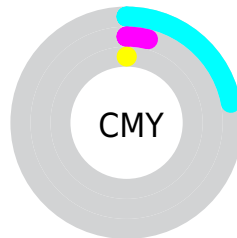
- Red (78%)
- Green (96%)
- Blue (100%)



- Red (78%)
- Yellow (88%)
- Blue (100%)



- Cyan (22%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)





- Cyan (22%)
- Magenta (4%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 15.682, 215.808 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, 15.682, 215.808 by changing the saturation by 10% instead.


 94, 15.682,
215.808


 94, 15.682,
215.808

 100, 15.682,
215.808


 84, 15.682,
215.808

 74, 15.682,
215.808

 64, 15.682,
215.808

 54, 15.682,
215.808

 44, 15.682,
215.808

 34, 15.682,
215.808

 24, 15.682,

215.808

■ 14, 15.682,
215.808

■ 4, 15.682, 215.808

■ 94, 15.682,
215.808

■ 94, 15.682,
215.808

■ 91, 22.120,
216.233

■ 97, 8.675, 215.564

■ 99, 1.216, 215.893

■ 89, 27.864,
216.888

100, 0.075,
109.148

■ 87, 32.795,
217.819

■ 85, 36.809,
219.088

■ 83, 39.844,
220.767

■ 82, 41.898,
222.930

■ 80, 43.053,
225.639

■ 79, 43.520,
228.311

Harmonies

Complementary

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



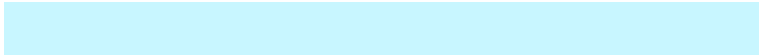
94, 15.682, 215.808



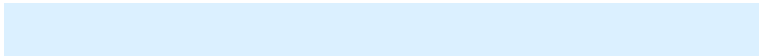
87, 18.186, 35.422

Rectangle

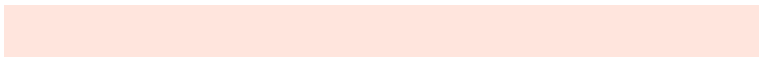
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



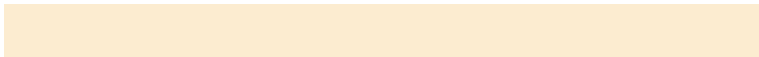
94, 15.682, 215.808



94, 15.682, 265.808



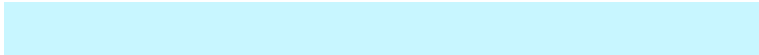
94, 15.682, 35.808



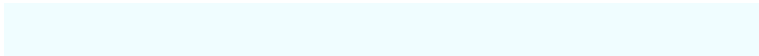
94, 15.682, 85.808

Sweetspot

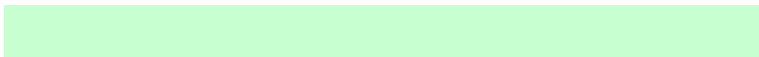
The Sweet Spot groups the original color and five complimentary colors.



94, 15.682, 215.801



98, 4.563, 215.541



95, 31.052, 147.339



52, 3.022, 215.536



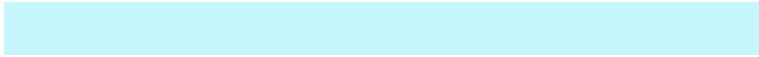
0, 0.000, 0.000



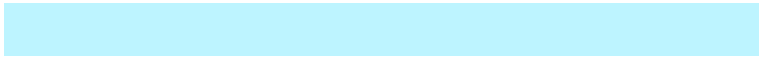
53, 0.007, 296.813

Same Dimension

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



94, 15.682, 215.801



93, 18.614, 215.967



87, 19.560, 272.952



52, 4.285, 215.541



61, 35.068, 227.691



20, 16.170, 223.424

Inverse Universe

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



87, 30.842, 330.615



84, 37.178, 330.901



94, 19.743, 86.973



50, 8.089, 329.841



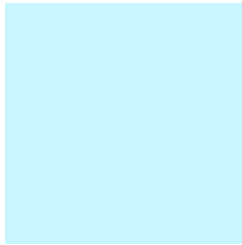
44, 81.901, 336.042



12, 38.253, 334.950

Previews

White Background



This preview shows how the CIE LCh color 94, 15.682, 215.808 looks on a white background.

Color Contrast Check

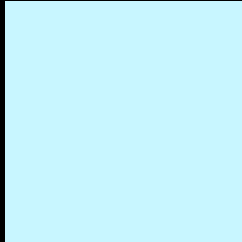
Large Text (above 18pt) WCAG AA × Fail

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, 15.682, 215.808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

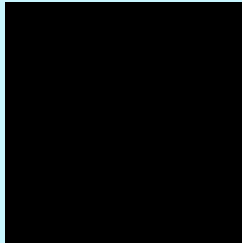
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 15.682, 215.808

Background



This preview shows how black text looks on a background with the CIELCh color 94, 15.682, 215.808.

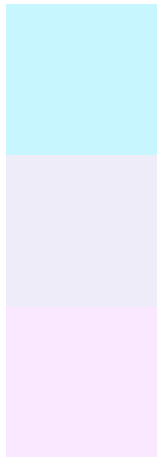


This preview shows how white text looks on a background with the CIELCh color 94, 15.682, 215.808.

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, 15.682, 215.808

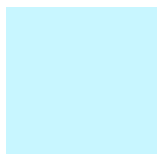
Protanopia
94, 6.751, 296.605

Deuteranopia
94, 13.308, 317.328

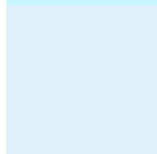


Tritanopia
94, 11.105, 236.177

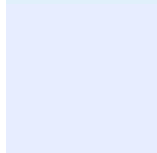
Trichromacy



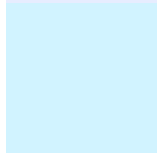
Original Color
94, 15.682, 215.808



Protanomaly
94, 7.775, 246.101

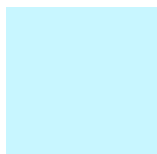


Deuteranomaly
94, 9.461, 278.434

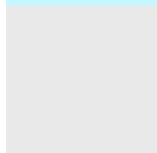


Tritanomaly
94, 12.728, 227.983

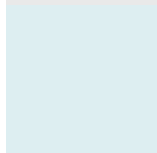
Monochromacy



Original Color
94, 15.682, 215.808



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 6.050, 213.989

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 15.682, 215.808 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(200, 246, 255)` looks like.

```
.text, #text, p{  
    color:rgb(200, 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(200, 246, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 246, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 15.682, 215.808 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(200, 246, 255) }
```

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

```
.border{ border-color:rgb(200, 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(200, 246, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 246, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 246, 255);  
box-shadow:4px 4px 4px 4px rgb(200, 246,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 15.682, 215.808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 246, 255) }
```

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

```
.background{ background-color: rgb(200,  
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](#).

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