

Converting Colors

CIELCh(96, 19.352, 248.228)

Have a look what the booklet for
CIELCh(96, 19.352, 248.228)
contains.

CIELCh(95, 13.884, 211.494)	3
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Color

CIELCh(95, 13.884, 211.494)

Conversions

Conversions Part 1

Format	Color
Hex	CFF8FE
RGB	207, 248, 254
RGB Percent	81%, 97%, 100%
CMY	0.1879, 0.0271, 0.0036
CMYK	0.18, 0.02, 0.00, 0.00
HSL	188°, 96%, 90%
HSV	188°, 18%, 100%
XYZ	77.2483, 87.6183, 106.6647
YIQ	236.4250, -26.3620, -6.8260

Conversions

Conversions Part 2

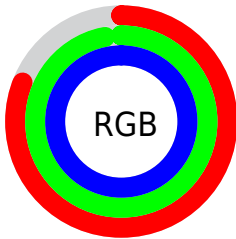
Format	Color
R_{YB}	207, 229, 254
Decimal	13629694
CIE _{Lab}	95.00, -11.84, -7.25
CIE _{LCh}	95, 13.884, 211.494
Yxy	87.6183, 0.2845, 0.3227
Android (android.graphics.Color)	4291819774 (0xFFCFF8FE)
YUV	236.4250, 8.6645, -25.8057
Hunter-Lab	93.6047, -16.4990, -2.0391

Details

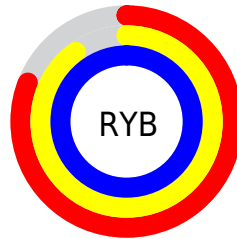
The CIELCh color **95, 13.884, 211.494** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **89, 15.752, 31.785**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 13.947, 209.636** is the 20% darker color. If you saturate the color by 10%, you get **93, 20.650, 211.641**, and if you desaturate by 10%, it is **97, 6.563, 211.499**.

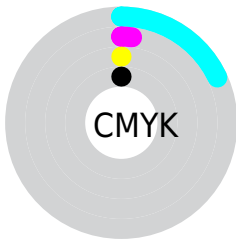
Distribution



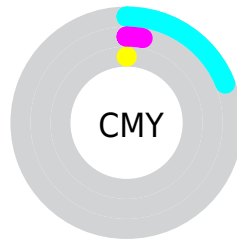
- Red (81%)
- Green (97%)
- Blue (100%)



- Red (81%)
- Yellow (90%)
- Blue (100%)



- Cyan (18%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)




- Cyan (19%)
- Magenta (3%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 13.884, 211.494 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 95, 13.884, 211.494 by changing the saturation by 10% instead.


 95, 13.884,
211.494


 95, 13.884,
211.494


 100, 13.884,
211.494


 85, 13.884,
211.494

 75, 13.884,
211.494

 65, 13.884,
211.494

 55, 13.884,
211.494

 45, 13.884,
211.494

 35, 13.884,
211.494

 25, 13.884,

211.494

■ 15, 13.884,
211.494

■ 5, 13.884, 211.494

■ 95, 13.884,
211.494

■ 95, 13.884,
211.494

■ 93, 20.650,
211.641

■ 97, 6.563, 211.499

100, 0.281, 76.786

■ 91, 26.730,
211.969

100, 0.460,
109.975

■ 89, 31.996,
212.507

■ 87, 36.333,
213.298

■ 85, 39.659,
214.395

■ 84, 41.943,
215.855

■ 83, 43.229,
217.730

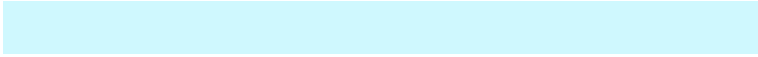
■ 82, 43.684,
220.038

■ 81, 43.724,
220.406

Harmonies

Complementary

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



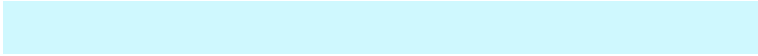
95, 13.884, 211.494



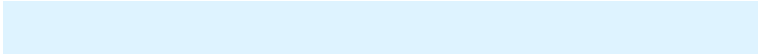
89, 15.752, 31.785

Rectangle

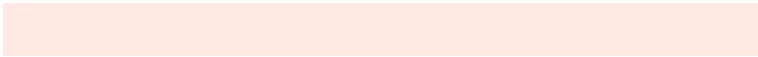
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 13.884, 211.494



95, 13.884, 261.494



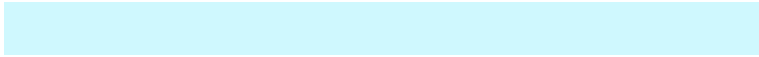
95, 13.884, 31.494



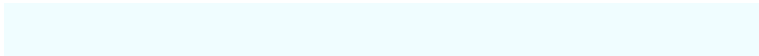
95, 13.884, 81.494

Sweetspot

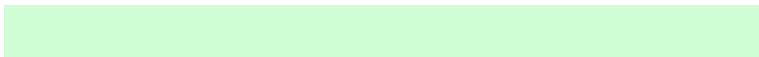
The Sweet Spot groups the original color and five complimentary colors.



95, 13.884, 211.486



98, 4.682, 211.547



96, 27.162, 146.553



52, 3.101, 211.531



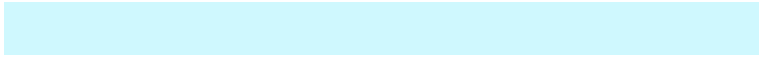
0, 0.000, 0.000



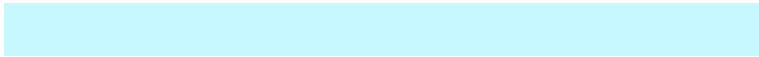
53, 0.007, 296.813

Same Dimension

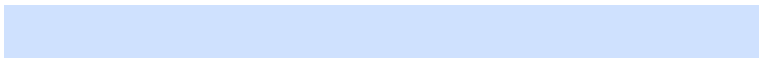
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 13.884, 211.486



94, 16.378, 211.522



89, 16.069, 269.615



52, 4.397, 211.488



63, 35.348, 219.942



21, 16.396, 216.740

Inverse Universe

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



88, 27.009, 329.220



86, 32.254, 329.437



94, 16.323, 84.506



50, 8.296, 328.664



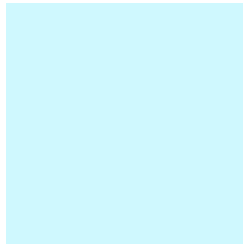
44, 84.209, 334.078



12, 39.207, 333.287

Previews

White Background



This preview shows how the CIE LCh color 95, 13.884, 211.494 looks on a white background.

Color Contrast Check

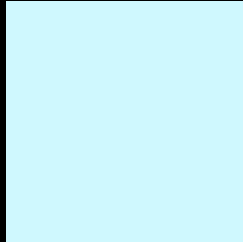
Large Text (above 18pt) WCAG AA × Fail

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 95, 13.884, 211.494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

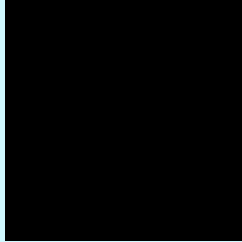
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 13.884, 211.494

Background



This preview shows how black text looks on a background with the CIELCh color 95, 13.884, 211.494.

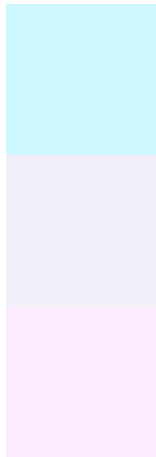


This preview shows how white text looks on a background with the CIELCh color 95, 13.884, 211.494.

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](#).

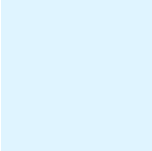
Dichromacy



Original Color
95, 13.891, 211.494

Protanopia
95, 4.764, 303.231

Deuteranopia
95, 12.916, 323.570

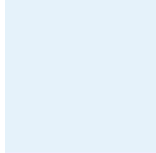


Tritanopia
95, 8.967, 238.274

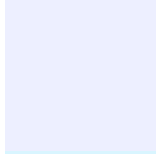
Trichromacy



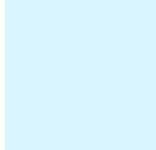
Original Color
95, 13.891, 211.494



Protanomaly
95, 6.008, 242.553

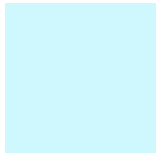


Deuteranomaly
95, 8.249, 286.057

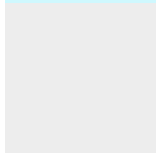


Tritanomaly
95, 10.597, 228.035

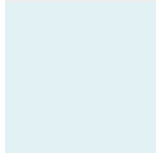
Monochromacy



Original Color
95, 13.891, 211.494



Achromatopsia
94, 0.011, 296.813



Achromatomaly
94, 5.278, 210.454

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 13.884, 211.494 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(207, 248, 254)` looks like.

```
.text, #text, p{  
    color:rgb(207, 248, 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(207, 248, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 248, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 13.884, 211.494 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(207, 248, 254) }
```

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

```
.border{ border-color:rgb(207, 248, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 248, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 248, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 248, 254);  
box-shadow:4px 4px 4px 4px rgb(207, 248,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 13.884, 211.494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 248, 254) }
```

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

```
.background{ background-color: rgb(207,  
248, 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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