

Converting Colors

CIELCh(95, 14.103, 210.605)

Have a look what the booklet for
CIELCh(95, 14.103, 210.605)
contains.

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Color

CIELCh(95, 14.198, 211.194)

Conversions

Conversions Part 1

Format	Color
Hex	CEF8FE
RGB	206, 248, 254
RGB Percent	81%, 97%, 100%
CMY	0.1912, 0.0264, 0.0029
CMYK	0.19, 0.02, 0.00, 0.00
HSL	187°, 97%, 90%
HSV	187°, 19%, 100%
XYZ	77.0962, 87.6183, 106.8267
YIQ	236.1260, -26.9580, -7.0380

Conversions

Conversions Part 2

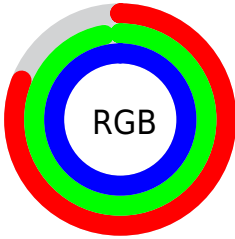
Format	Color
R_{YB}	206, 228, 254
Decimal	13564158
CIE _{Lab}	95.00, -12.15, -7.35
CIE _{LCh}	95, 14.198, 211.194
Yxy	87.6183, 0.2839, 0.3227
Android (android.graphics.Color)	4291754238 (0xFFCEF8FE)
YUV	236.1260, 8.8119, -26.4205
Hunter-Lab	93.6047, -16.7890, -2.1417

Details

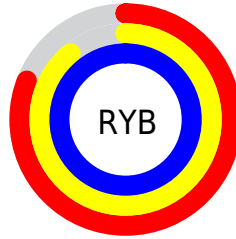
The CIELCh color **95, 14.198, 211.194** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **88, 16.156, 31.543**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 14.260, 209.365** is the 20% darker color. If you saturate the color by 10%, you get **93, 20.956, 211.332**, and if you desaturate by 10%, it is **97, 6.877, 211.205**.

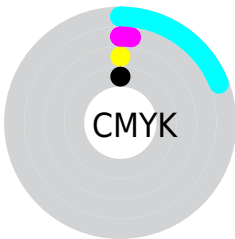
Distribution



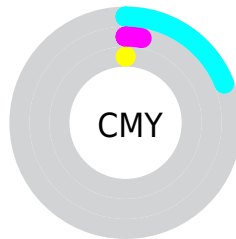
- Red (81%)
- Green (97%)
- Blue (100%)



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



- Cyan (19%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 14.198, 211.194 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, 14.198, 211.194 by changing the saturation by 10% instead.


 95, 14.198,
211.194


 95, 14.198,
211.194


 100, 14.198,
211.194


 85, 14.198,
211.194

 75, 14.198,
211.194

 65, 14.198,
211.194

 55, 14.198,
211.194

 45, 14.198,
211.194

 35, 14.198,
211.194

 25, 14.198,

211.194

■ 15, 14.198,
211.194

■ 5, 14.198, 211.194

■ 95, 14.198,
211.194

■ 95, 14.198,
211.194

■ 93, 20.956,
211.332

■ 97, 6.877, 211.205

100, 0.216, 70.647

■ 91, 27.021,
211.650

100, 0.367,
109.940

■ 89, 32.264,
212.174

■ 87, 36.571,
212.950

■ 85, 39.859,
214.028

■ 84, 42.102,
215.464

■ 83, 43.348,
217.307

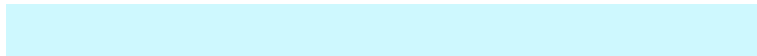
■ 82, 43.770,
219.571

■ 82, 43.799,
219.836

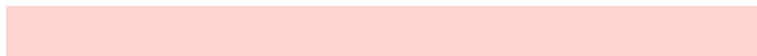
Harmonies

Complementary

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



95, 14.198, 211.194



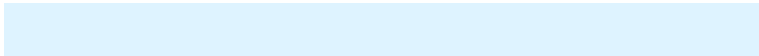
88, 16.156, 31.543

Rectangle

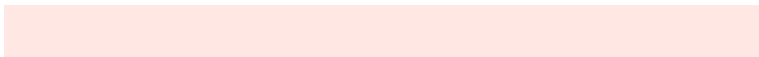
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 14.198, 211.194



95, 14.198, 261.194



95, 14.198, 31.194



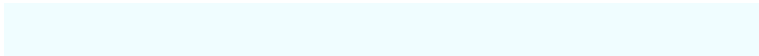
95, 14.198, 81.194

Sweetspot

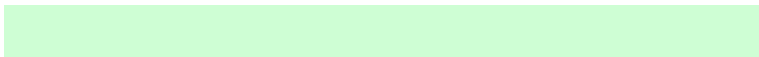
The Sweet Spot groups the original color and five complimentary colors.



95, 14.198, 211.186



98, 4.692, 211.261



96, 27.757, 146.522



52, 3.107, 211.244



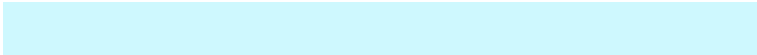
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



95, 14.198, 211.186



94, 17.098, 211.227



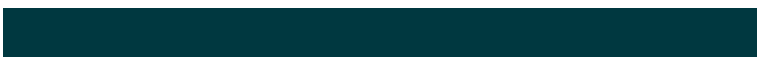
89, 16.422, 269.680



52, 4.406, 211.197



63, 35.391, 219.383



21, 16.421, 216.259

Inverse Universe

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



88, 27.653, 329.158



86, 33.784, 329.412



94, 16.689, 84.454



50, 8.311, 328.579



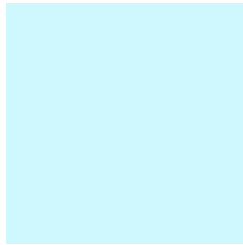
44, 84.383, 333.940



12, 39.278, 333.168

Previews

White Background



This preview shows how the CIE LCh color 95, 14.198, 211.194 looks on a white background.

Color Contrast Check

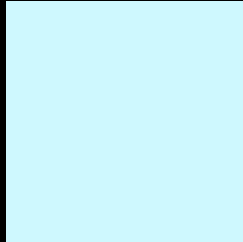
Large Text (above 18pt) WCAG AA × Fail

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, 14.198, 211.194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

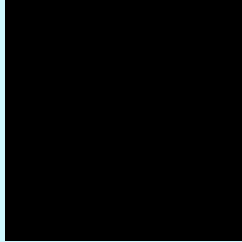
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

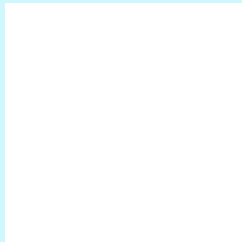
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 14.198, 211.194

Background



This preview shows how black text looks on a background with the CIELCh color 95, 14.198, 211.194.

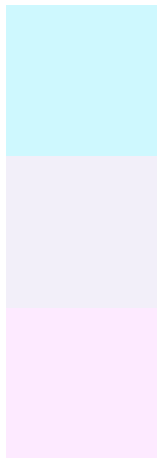


This preview shows how white text looks on a background with the CIELCh color 95, 14.198, 211.194.

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](#).

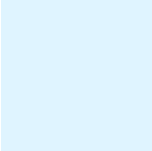
Dichromacy



Original Color
95, 14.198, 211.194

Protanopia
95, 5.267, 302.023

Deuteranopia
95, 12.731, 322.231

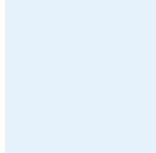


Tritanopia
95, 8.967, 238.274

Trichromacy



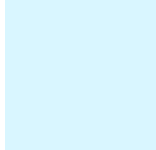
Original Color
95, 14.198, 211.194



Protanomaly
95, 6.357, 246.071



Deuteranomaly
95, 8.278, 283.696

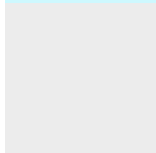


Tritanomaly
95, 10.671, 224.654

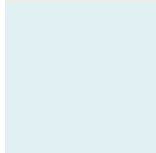
Monochromacy



Original Color
95, 14.198, 211.194



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 5.388, 215.888

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 14.198, 211.194 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, 248, 254)` looks like.

```
.text, #text, p{  
    color:rgb(206, 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(206, 248, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 248, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 14.198, 211.194 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, 248, 254) }
```

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

```
.border{ border-color:rgb(206, 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(206, 248, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 248, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 248, 254);  
box-shadow:4px 4px 4px 4px rgb(206, 248,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 14.198, 211.194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 248, 254) }
```

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

```
.background{ background-color: rgb(206,  
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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