

Converting Colors

CIELCh(94, 13.810, 198.557)

Have a look what the booklet for
CIELCh(94, 13.810, 198.557)
contains.

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Color

CIELCh(94, 13.802, 198.560)

Conversions

Conversions Part 1

Format	Color
Hex	CDF6F6
RGB	205, 246, 246
RGB Percent	80%, 96%, 96%
CMY	0.1974, 0.0366, 0.0366
CMYK	0.17, 0.00, 0.00, 0.04
HSL	180°, 69%, 88%
HSV	180°, 17%, 96%
XYZ	74.5218, 85.2715, 99.4488
YIQ	233.7410, -24.4360, -8.6920

Conversions

Conversions Part 2

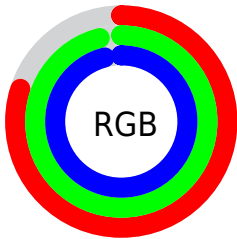
Format	Color
R _Y B	205, 226, 246
Decimal	13498102
CIE Lab	94.00, -13.08, -4.39
CIE LCh	94, 13.802, 198.560
Yxy	85.2715, 0.2875, 0.3289
Android (android.graphics.Color)	4291688182 (0xFFC6DF6F6)
YUV	233.7410, 6.0437, -25.2059
Hunter-Lab	92.3426, -17.5475, 0.7871

Details

The CIELCh color **94, 13.802, 198.560** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **86, 15.394, 20.536**, 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, 13.954, 198.352** is the 20% darker color. If you saturate the color by 10%, you get **93, 21.343, 198.058**, and if you desaturate by 10%, it is **96, 5.683, 199.142**.

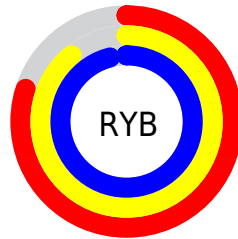
Distribution



Red (80%)

Green (96%)

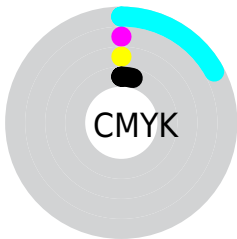
Blue (96%)



Red (80%)

Yellow (89%)

Blue (96%)

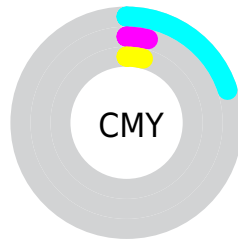


Cyan (17%)

Magenta (0%)

Yellow (0%)

Black (4%)



Cyan (20%)


Magenta (4%)


Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 13.802, 198.560 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, 13.802, 198.560 by changing the saturation by 10% instead.


 94, 13.802,
198.560


 94, 13.802,
198.560

 100, 13.802,
198.560


 84, 13.802,
198.560

 74, 13.802,
198.560

 64, 13.802,
198.560

 54, 13.802,
198.560

 44, 13.802,
198.560

 34, 13.802,
198.560

 24, 13.802,

198.560

■ 14, 13.802,
198.560

■ 4, 13.802, 198.560

■ 94, 13.802,
198.560

■ 94, 13.802,
198.560

■ 93, 21.343,
198.058

■ 96, 5.683, 199.142

■ 91, 28.163,
197.626

■ 97, 2.880, 19.365

■ 97, 3.305, 19.407

■ 90, 34.125,
197.256

■ 97, 3.305, 19.392

■ 90, 39.112,
196.951

■ 97, 3.305, 19.377

■ 97, 3.305, 19.362

■ 89, 43.043,
196.714

■ 97, 3.305, 19.347

■ 89, 45.888,
196.545

■ 97, 3.305, 19.331

■ 88, 47.683,
196.438

■ 97, 3.305, 19.316

■ 88, 48.550,
196.386

■ 88, 48.722,
196.375

Harmonies

Complementary

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



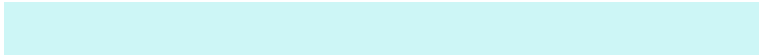
94, 13.802, 198.560



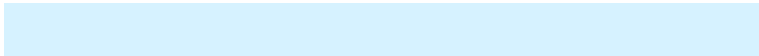
86, 15.394, 20.536

Rectangle

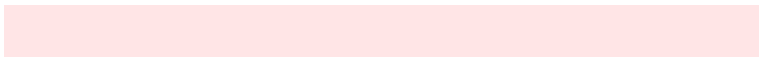
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 13.802, 198.560



94, 13.802, 248.560



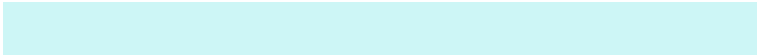
94, 13.802, 18.560



94, 13.802, 68.560

Sweetspot

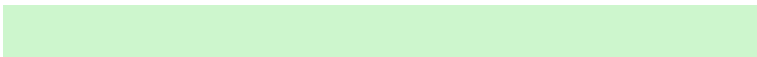
The Sweet Spot groups the original color and five complimentary colors.



94, 13.803, 198.553



99, 4.397, 199.271



93, 25.708, 142.980



53, 2.995, 199.214



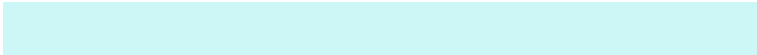
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



94, 13.803, 198.553



97, 16.872, 198.380



89, 12.377, 255.929



50, 4.783, 198.959



69, 39.563, 196.376



22, 17.590, 196.377

Inverse Universe

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



86, 15.394, 20.536



86, 19.269, 20.846



91, 12.986, 71.537



48, 5.080, 19.934



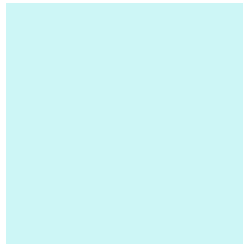
39, 82.547, 39.997



8, 31.024, 25.004

Previews

White Background



This preview shows how the CIE LCh color 94, 13.802, 198.560 looks on a white background.

Color Contrast Check

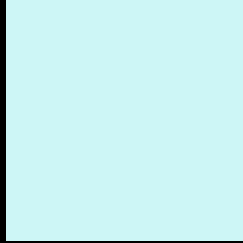
Large Text (above 18pt) WCAG AA × Fail

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, 13.802, 198.560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

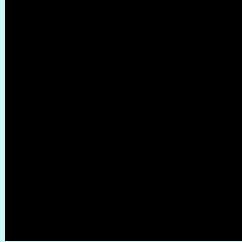
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 13.802, 198.560

Background



This preview shows how black text looks on a background with the CIELCh color 94, 13.802, 198.560.

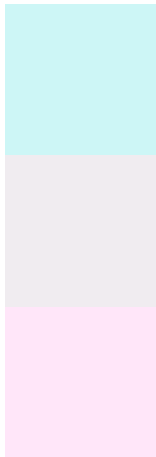


This preview shows how white text looks on a background with the CIELCh color 94, 13.802, 198.560.

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, 13.802, 198.560

Protanopia
94, 2.520, 324.417

Deuteranopia
94, 13.214, 332.576

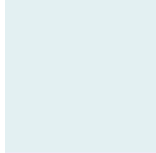


Tritanopia
94, 10.670, 241.715

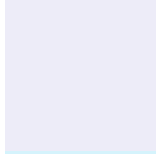
Trichromacy



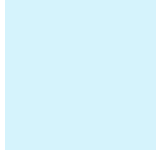
Original Color
94, 13.802, 198.560



Protanomaly
94, 4.614, 212.166



Deuteranomaly
94, 6.205, 293.878

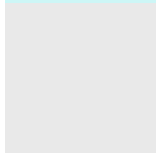


Tritanomaly
94, 10.983, 223.914

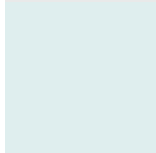
Monochromacy



Original Color
94, 13.802, 198.560



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 5.225, 199.177

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 13.802, 198.560 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(205, 246, 246)` looks like.

```
.text, #text, p{  
    color:rgb(205, 246, 246)  
}
```

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(205, 246, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 246, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 13.802, 198.560 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(205, 246, 246) }
```

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

```
.border{ border-color:rgb(205, 246, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 246, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 246, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 246, 246);  
box-shadow:4px 4px 4px 4px rgb(205, 246,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 13.802, 198.560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 246, 246) }
```

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

```
.background{ background-color: rgb(205,  
246, 246) }
```

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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