

Converting Colors

CIELCh(94, 13.850, 196.413)

Have a look what the booklet for
CIELCh(94, 13.850, 196.413)
contains.

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Color

CIELCh(94, 13.850, 196.413)

Conversions

Conversions Part 1

Format	Color
Hex	CDF6F5
RGB	205, 246, 245
RGB Percent	80%, 96%, 96%
CMY	0.1971, 0.0363, 0.0402
CMYK	0.17, 0.00, 0.00, 0.04
HSL	179°, 69%, 88%
HSV	179°, 17%, 96%
XYZ	74.4241, 85.2715, 98.7131
YIQ	233.6270, -24.1150, -9.0030

Conversions

Conversions Part 2

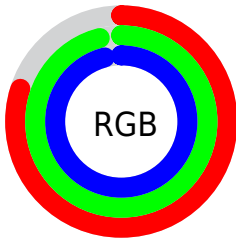
Format	Color
R_{YB}	205, 226, 246
Decimal	13498101
CIE _{Lab}	94.00, -13.29, -3.91
CIE _{LCh}	94, 13.850, 196.413
Yxy	85.2715, 0.2880, 0.3300
Android (android.graphics.Color)	4291688181 (0xFFCDF6F5)
YUV	233.6270, 5.6069, -25.1059
Hunter-Lab	92.3426, -17.7363, 1.2595

Details

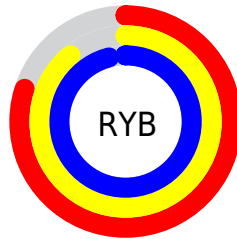
The CIELCh color **94, 13.850, 196.413** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **86, 15.371, 18.603**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 14.014, 196.117** is the 20% darker color. If you saturate the color by 10%, you get **93, 21.455, 195.822**, and if you desaturate by 10%, it is **96, 5.692, 197.069**.

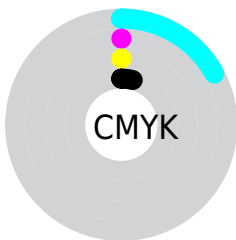
Distribution



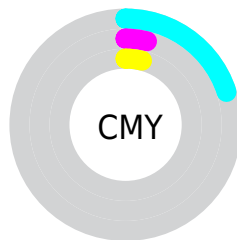
- Red (80%)
- Green (96%)
- Blue (96%)



- 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, 13.850, 196.413 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, 13.850, 196.413 by changing the saturation by 10% instead.


 94, 13.850,
196.413


 94, 13.850,
196.413


 100, 13.850,
196.413


 84, 13.850,
196.413

 74, 13.850,
196.413

 64, 13.850,
196.413

 54, 13.850,
196.413

 44, 13.850,
196.413

 34, 13.850,
196.413

 24, 13.850,

196.413

■ 14, 13.850,
196.413

■ 4, 13.850, 196.413

■ 94, 13.850,
196.413

■ 94, 13.850,
196.413

■ 93, 21.455,
195.822

■ 96, 5.692, 197.069

■ 91, 28.360,
195.282

■ 97, 2.887, 17.355

■ 98, 3.304, 12.340

■ 90, 34.426,
194.781

■ 98, 3.357, 7.153

■ 90, 39.532,
194.319

■ 98, 3.437, 2.167

■ 98, 3.541, 357.442

■ 89, 43.590,
193.893

■ 98, 3.669, 353.017

■ 88, 46.564,
193.497

■ 98, 3.816, 348.914

■ 88, 48.484,
193.121

■ 98, 3.983, 345.137

■ 88, 49.467,
192.756

■ 88, 49.676,
192.636

Harmonies

Complementary

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



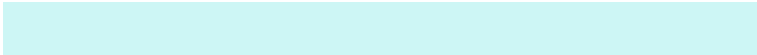
94, 13.850, 196.413



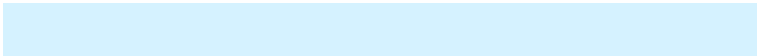
86, 15.371, 18.603

Rectangle

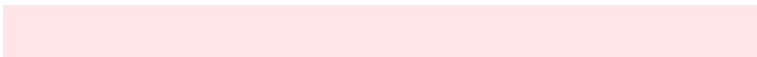
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



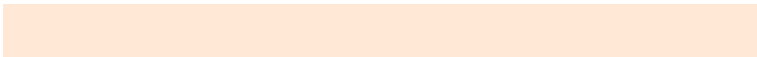
94, 13.850, 196.413



94, 13.850, 246.413



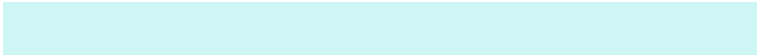
94, 13.850, 16.413



94, 13.850, 66.413

Sweetspot

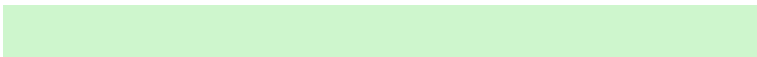
The Sweet Spot groups the original color and five complimentary colors.



94, 13.851, 196.406



99, 4.405, 197.208



93, 25.567, 142.557



53, 3.001, 197.147



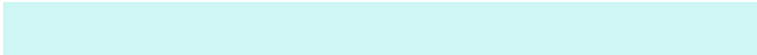
0, 0.000, 0.000



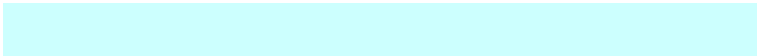
53, 0.007, 296.813

Same Dimension

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



94, 13.851, 196.406



97, 16.941, 196.205



89, 12.215, 254.021



50, 4.795, 196.866



68, 40.314, 192.698



22, 17.876, 193.178

Inverse Universe

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



86, 15.371, 18.603



86, 19.231, 18.933



90, 12.875, 69.715



48, 5.079, 17.960



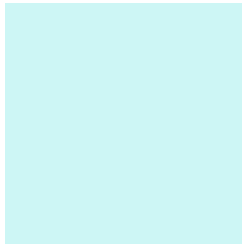
39, 81.451, 39.015



8, 30.867, 24.032

Previews

White Background



This preview shows how the CIE LCh color 94, 13.850, 196.413 looks on a white background.

Color Contrast Check

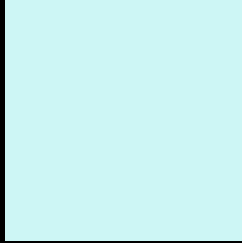
Large Text (above 18pt) WCAG AA × Fail

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, 13.850, 196.413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

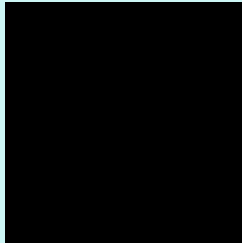
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

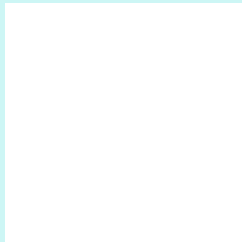
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 13.850, 196.413

Background



This preview shows how black text looks on a background with the CIELCh color 94, 13.850, 196.413.

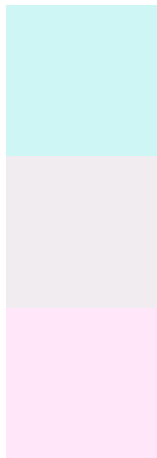


This preview shows how white text looks on a background with the CIELCh color 94, 13.850, 196.413.

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, 13.850, 196.413

Protanopia

94, 2.370, 338.607

Deuteranopia

94, 12.842, 334.123

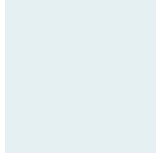


Tritanopia
94, 10.433, 242.937

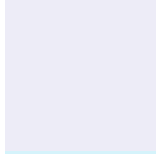
Trichromacy



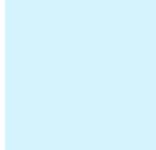
Original Color
94, 13.850, 196.413



Protanomaly
94, 4.202, 206.327

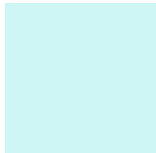


Deuteranomaly
94, 5.691, 294.135

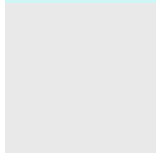


Tritanomaly
94, 10.807, 221.344

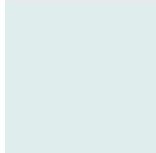
Monochromacy



Original Color
94, 13.850, 196.413



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 5.269, 193.544

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 13.850, 196.413 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, 245)` looks like.

```
.text, #text, p{  
    color:rgb(205, 246, 245)  
}
```

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, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 246, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 13.850, 196.413 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, 245) }
```

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

```
.border{ border-color:rgb(205, 246, 245) }
```

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, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 246, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 246, 245);  
box-shadow:4px 4px 4px 4px rgb(205, 246,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 13.850, 196.413 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, 245) }
```

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

```
.background{ background-color: rgb(205,  
246, 245) }
```

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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