

Converting Colors

CIELCh(94, 13.275, 203.147)

Have a look what the booklet for
CIELCh(94, 13.275, 203.147)
contains.

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Color

CIECh(94, 13.132, 203.132)

Conversions

Conversions Part 1

Format	Color
Hex	CEF5F7
RGB	206, 245, 247
RGB Percent	81%, 96%, 97%
CMY	0.1915, 0.0386, 0.0307
CMYK	0.17, 0.01, 0.00, 0.03
HSL	183°, 72%, 89%
HSV	183°, 17%, 97%
XYZ	75.0116, 85.2715, 100.6309
YIQ	233.5670, -23.8860, -7.6460

Conversions

Conversions Part 2

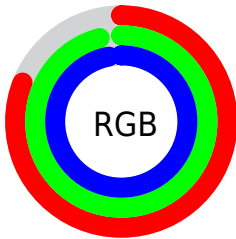
Format	Color
RYB	206, 226, 247
Decimal	13563383
CIELab	94.00, -12.08, -5.16
CIELCh	94, 13.132, 203.132
Yxy	85.2715, 0.2875, 0.3268
Android (android.graphics.Color)	4291753463 (0xFFCEF5F7)
YUV	233.5670, 6.6225, -24.1763
Hunter-Lab	92.3426, -16.6007, 0.0282

Details

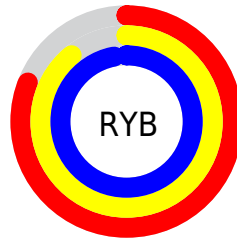
The CIELCh color **94, 13.132, 203.132** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **87, 14.672, 24.498**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 13.258, 203.129** is the 20% darker color. If you saturate the color by 10%, you get **92, 20.342, 202.840**, and if you desaturate by 10%, it is **96, 5.363, 203.534**.

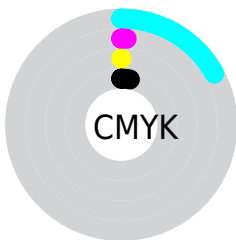
Distribution



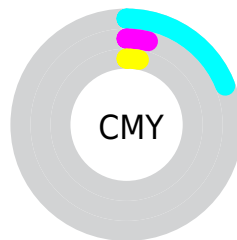
- Red (81%)
- Green (96%)
- Blue (97%)



- Red (81%)
- Yellow (89%)
- Blue (97%)



- Cyan (17%)
- Magenta (1%)
- Yellow (0%)
- Black (3%)





- Cyan (19%)
- Magenta (4%)
- Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 13.132, 203.132 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, 13.132, 203.132 by changing the saturation by 10% instead.


 94, 13.132,
203.132


 94, 13.132,
203.132


 100, 13.132,
203.132


 84, 13.132,
203.132

 74, 13.132,
203.132

 64, 13.132,
203.132

 54, 13.132,
203.132

 44, 13.132,
203.132

 34, 13.132,
203.132

 24, 13.132,

203.132

■ 14, 13.132,
203.132

■ 4, 13.132, 203.132

■ 94, 13.132,
203.132

■ 94, 13.132,
203.132

■ 92, 20.342,
202.840

■ 96, 5.363, 203.534

■ 91, 26.854,
202.653

■ 98, 2.630, 23.884

■ 98, 2.336, 39.816

■ 89, 32.535,
202.574

■ 99, 2.262, 58.412

■ 88, 37.263,
202.619

■ 99, 2.428, 76.262

■ 99, 2.790, 90.634

■ 87, 40.950,
202.804

■ 99, 3.284, 101.190

■ 86, 43.558,
203.147

■ 100, 3.859,
108.787

■ 86, 45.114,
203.660

■ 100, 3.964,
109.862

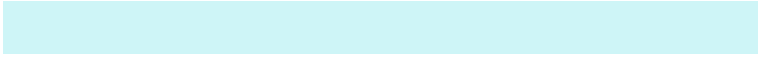
■ 85, 45.729,
204.348

■ 85, 45.817,
204.608

Harmonies

Complementary

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



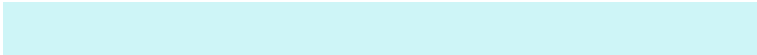
94, 13.132, 203.132



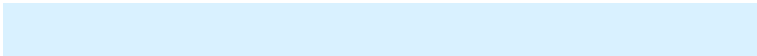
87, 14.672, 24.498

Rectangle

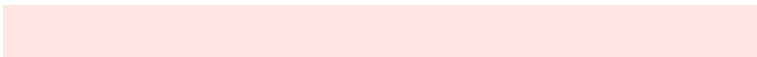
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



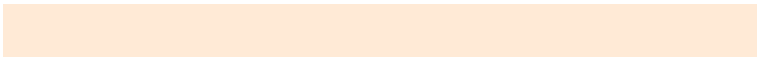
94, 13.132, 203.132



94, 13.132, 253.132



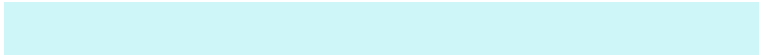
94, 13.132, 23.132



94, 13.132, 73.132

Sweetspot

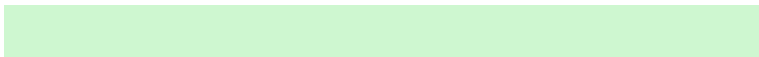
The Sweet Spot groups the original color and five complimentary colors.



94, 13.133, 203.124



99, 4.190, 203.631



94, 25.243, 144.296



53, 2.854, 203.585



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, 13.133, 203.124



96, 16.061, 203.015



89, 12.927, 261.331



50, 4.556, 203.393



66, 37.071, 204.455



21, 16.612, 203.320

Inverse Universe

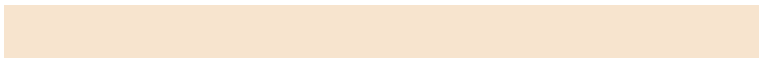
The Inverse Universe completely reimagines the original color for something new.



87, 25.007, 326.698



88, 30.947, 326.896



92, 13.375, 76.807



48, 8.473, 326.284



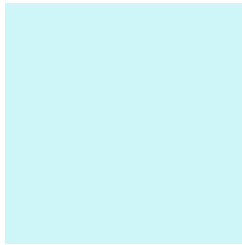
44, 87.810, 330.269



11, 39.239, 329.987

Previews

White Background



This preview shows how the CIE LCh color 94, 13.132, 203.132 looks on a white background.

Color Contrast Check

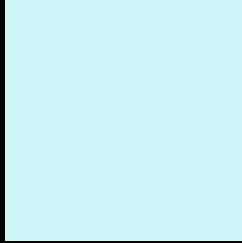
Large Text (above 18pt) WCAG AA × Fail

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, 13.132, 203.132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

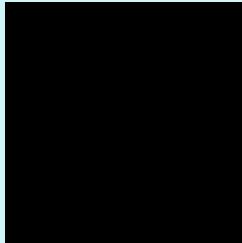
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 13.132, 203.132

Background



This preview shows how black text looks on a background with the CIELCh color 94, 13.132, 203.132.



This preview shows how white text looks on a background with the CIELCh color 94, 13.132, 203.132.

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



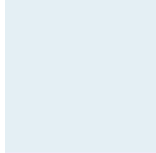


Tritanopia
94, 10.433, 242.937

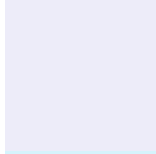
Trichromacy



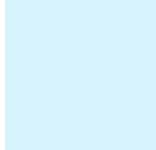
Original Color
94, 13.132, 203.132



Protanomaly
94, 4.562, 233.747

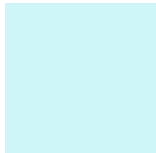


Deuteranomaly
94, 6.719, 293.666

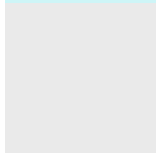


Tritanomaly
94, 10.690, 224.664

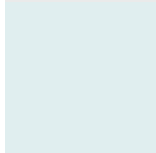
Monochromacy



Original Color
94, 13.132, 203.132



Achromatopsia
93, 0.011, 296.813



Achromatomaly
93, 4.892, 205.274

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 13.132, 203.132 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, 245, 247)` looks like.

```
.text, #text, p{  
    color:rgb(206, 245, 247)  
}
```

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, 245, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 245, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 13.132, 203.132 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, 245, 247) }
```

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

```
.border{ border-color:rgb(206, 245, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 245, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 245, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 245, 247);  
box-shadow:4px 4px 4px 4px rgb(206, 245,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 13.132, 203.132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 245, 247) }
```

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

```
.background{ background-color: rgb(206,  
245, 247) }
```

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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