

Converting Colors

CIELCh(94, 15.251, 187.011)

Have a look what the booklet for
CIELCh(94, 15.251, 187.011)
contains.

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Color

CIELCh(94, 15.304, 186.761)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | CBF7F1 |
| RGB | 203, 247, 241 |
| RGB Percent | 80%, 97%, 95% |
| CMY | 0.2053, 0.0328, 0.0563 |
| CMYK | 0.18, 0.00, 0.02, 0.03 |
| HSL | 172°, 72%, 88% |
| HSV | 172°, 18%, 97% |
| XYZ | 73.5017, 85.2715, 95.5175 |
| YIQ | 233.1600, -24.2980, -11.1940 |

Conversions

Conversions Part 2

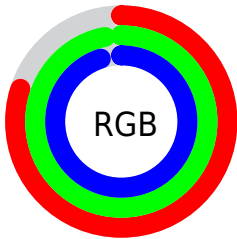
| Format | Color |
|-------------------------------------|---|
| R_{YB} | 203, 227, 247 |
| Decimal | 13367281 |
| CIE _{Lab} | 94.00, -15.20, -1.80 |
| CIE _{LCh} | 94, 15.304, 186.761 |
| Yxy | 85.2715, 0.2890, 0.3353 |
| Android (android.graphics.Color) | 4291557361 (0xFFC _B F7F1) |
| YUV | 233.1600, 3.8651, -26.4503 |
| Hunter-Lab | 92.3426, -19.5194, 3.3113 |

Details

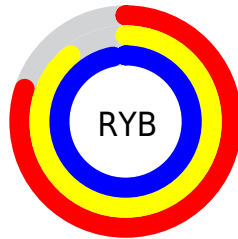
The CIELCh color **94, 15.304, 186.761** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **85, 16.686, 9.899**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 15.561, 186.112** is the 20% darker color. If you saturate the color by 10%, you get **93, 23.298, 185.863**, and if you desaturate by 10%, it is **96, 6.853, 187.655**.

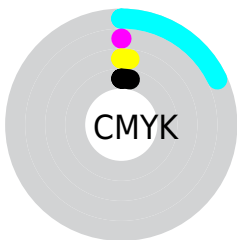
Distribution



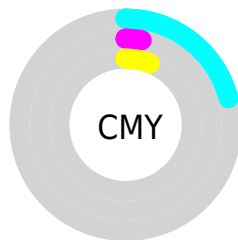
- Red (80%)
- Green (97%)
- Blue (95%)



- Red (80%)
- Yellow (89%)
- Blue (97%)



- Cyan (18%)
- Magenta (0%)
- Yellow (2%)
- Black (3%)





- Cyan (21%)
- Magenta (3%)
- Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 15.304, 186.761 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, 15.304, 186.761 by changing the saturation by 10% instead.


 94, 15.304,
186.761


 94, 15.304,
186.761


 100, 15.304,
186.761


 84, 15.304,
186.761


 74, 15.304,
186.761

 64, 15.304,
186.761

 54, 15.304,
186.761

 44, 15.304,
186.761

 34, 15.304,
186.761

 24, 15.304,

186.761

■ 14, 15.304,
186.761

■ 4, 15.304, 186.761

■ 94, 15.304,
186.761

■ 94, 15.304,
186.761

■ 93, 23.298,
185.863

■ 96, 6.853, 187.655

■ 91, 30.683,
184.943

■ 98, 1.923, 8.070

■ 98, 3.629, 344.369

■ 90, 37.309,
183.977

■ 98, 4.833, 327.650

■ 89, 43.041,
182.949

■ 98, 5.207, 324.564

■ 89, 47.773,
181.841

■ 88, 51.453,
180.631

■ 88, 54.102,
179.298

■ 88, 55.847,
177.833

■ 88, 56.169,
177.512

Harmonies

Complementary

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



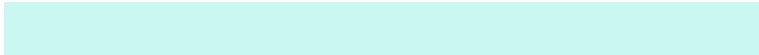
94, 15.304, 186.761



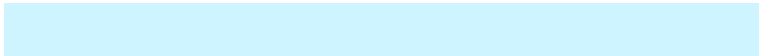
85, 16.686, 9.899

Rectangle

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



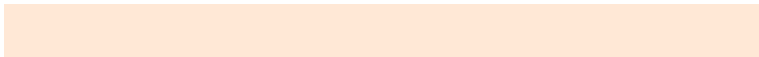
94, 15.304, 186.761



94, 15.304, 236.761



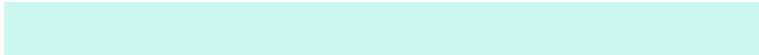
94, 15.304, 6.761



94, 15.304, 56.761

Sweetspot

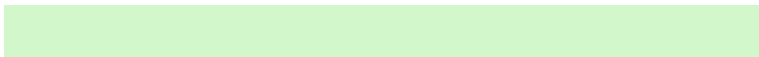
The Sweet Spot groups the original color and five complimentary colors.



94, 15.305, 186.755



99, 4.511, 187.941



94, 26.416, 139.362



53, 3.074, 187.865



0, 0.000, 0.000



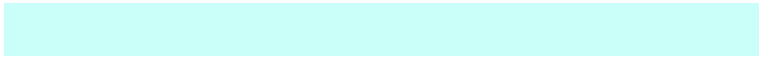
53, 0.007, 296.813

Same Dimension

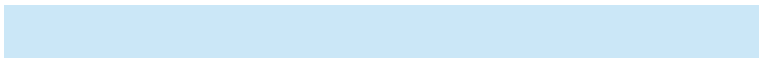
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 15.305, 186.755



96, 18.378, 186.472



90, 12.296, 239.692



50, 4.926, 187.501



68, 45.343, 177.792



21, 19.733, 179.961

Inverse Universe

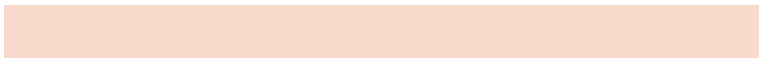
The Inverse Universe completely reimagines the original color for something new.



85, 16.686, 9.899



86, 20.374, 10.278



89, 13.460, 56.218



48, 5.152, 8.992



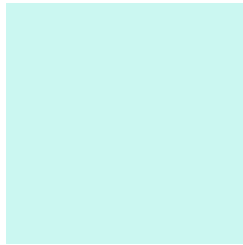
39, 76.534, 33.827



8, 30.262, 19.453

Previews

White Background



This preview shows how the CIE LCh color 94, 15.304, 186.761 looks on a white background.

Color Contrast Check

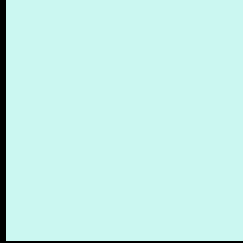
Large Text (above 18pt) WCAG AA × Fail

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, 15.304, 186.761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

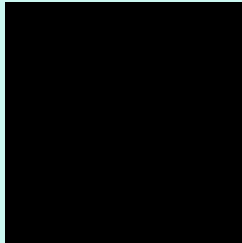
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

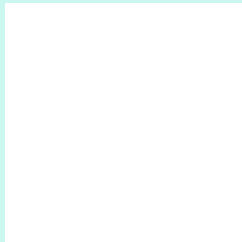
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 15.304, 186.761

Background



This preview shows how black text looks on a background with the CIELCh color 94, 15.304, 186.761.

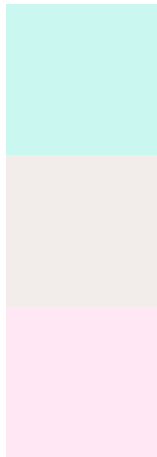


This preview shows how white text looks on a background with the CIELCh color 94, 15.304, 186.761.

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, 15.304, 186.761

Protanopia

94, 2.193, 32.799

Deuteranopia

94, 10.565, 344.400

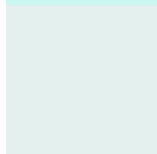


Tritanopia
94, 10.670, 241.715

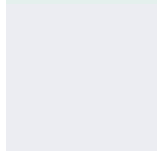
Trichromacy



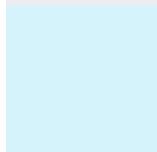
Original Color
94, 15.304, 186.761



Protanomaly
94, 4.503, 179.188



Deuteranomaly
94, 2.602, 282.671

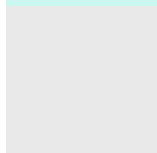


Tritanomaly
94, 10.959, 218.103

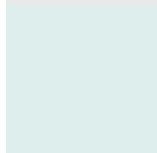
Monochromacy



Original Color
94, 15.304, 186.761



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 5.700, 188.689

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 15.304, 186.761 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(203, 247, 241)` looks like.

```
.text, #text, p{  
    color:rgb(203, 247, 241)  
}
```

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(203, 247, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 247, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 15.304, 186.761 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(203, 247, 241) }
```

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

```
.border{ border-color:rgb(203, 247, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 247, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 247, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 247, 241);  
box-shadow:4px 4px 4px 4px rgb(203, 247,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 15.304, 186.761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 247, 241) }
```

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

```
.background{ background-color: rgb(203,  
247, 241) }
```

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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