

Converting Colors

CIELCh(94, 33.800, 157.372)

Have a look what the booklet for
CIELCh(94, 33.800, 157.372)
contains.

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Color

CIElCh(94, 33.721, 157.578)

Conversions

Conversions Part 1

Format	Color
Hex	B4FED4
RGB	180, 254, 212
RGB Percent	71%, 100%, 83%
CMY	0.2944, 0.0042, 0.1689
CMYK	0.29, 0.00, 0.17, 0.00
HSL	146°, 97%, 85%
HSV	146°, 29%, 100%
XYZ	66.0907, 85.2715, 75.2084
YIQ	227.0860, -30.6220, -28.7500

Conversions

Conversions Part 2

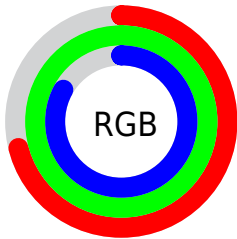
Format	Color
RYB	180, 232, 254
Decimal	11861716
CIELab	94.00, -31.17, 12.86
CIELCh	94, 33.721, 157.578
Yxy	85.2715, 0.2917, 0.3764
Android (android.graphics.Color)	4290051796 (0xFFB4FED4)
YUV	227.0860, -7.4374, -41.2944
Hunter-Lab	92.3426, -33.8449, 16.3511

Details

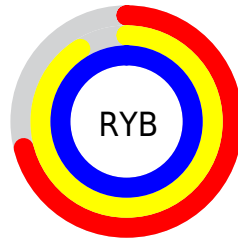
The CIELCh color **94, 33.721, 157.578** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **81, 34.584, 342.696**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 6.178, 199.121**, and **74, 33.903, 157.375** is the 20% darker color. If you saturate the color by 10%, you get **92, 44.903, 156.434**, and if you desaturate by 10%, it is **96, 22.232, 158.587**.

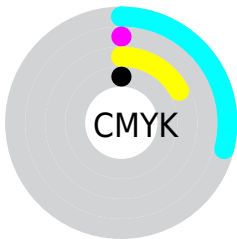
Distribution



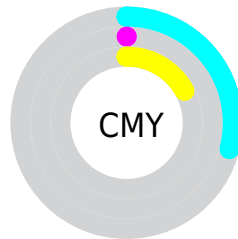
- Red (71%)
- Green (100%)
- Blue (83%)



- Red (71%)
- Yellow (91%)
- Blue (100%)



- Cyan (29%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)





- Cyan (29%)
- Magenta (0%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 33.721, 157.578 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, 33.721, 157.578 by changing the saturation by 10% instead.


 94, 33.721,
157.578


 94, 33.721,
157.578


 100, 33.721,
157.578


 84, 33.721,
157.578


 74, 33.721,
157.578

 64, 33.721,
157.578

 54, 33.721,
157.578

 44, 33.721,
157.578

 34, 33.721,
157.578

 24, 33.721,

157.578

■ 14, 33.721,
157.578

■ 4, 33.721, 157.578

■ 94, 33.721,
157.578

■ 94, 33.721,
157.578

■ 92, 44.903,
156.434

■ 96, 22.232,
158.587

■ 91, 55.573,
155.131

■ 98, 10.609,
159.497

■ 90, 65.525,
153.644

100, 0.680,
324.011

■ 89, 74.570,
151.952

■ 89, 82.571,
150.047

■ 88, 89.468,
147.942

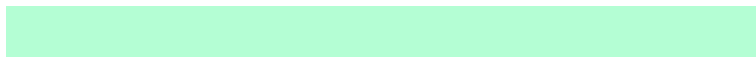
■ 88, 95.344,
145.711

■ 88, 95.820,
145.526

Harmonies

Complementary

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



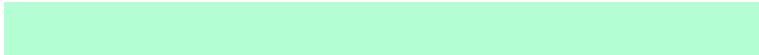
94, 33.721, 157.578



81, 34.584, 342.696

Rectangle

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



94, 33.721, 157.578



94, 33.721, 207.578



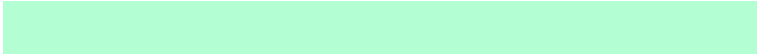
94, 33.721, 337.578



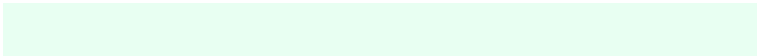
94, 33.721, 27.578

Sweetspot

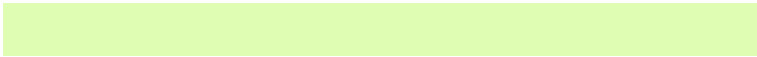
The Sweet Spot groups the original color and five complimentary colors.



94, 33.723, 157.577



98, 10.478, 159.509



96, 39.128, 124.642



52, 7.284, 159.381



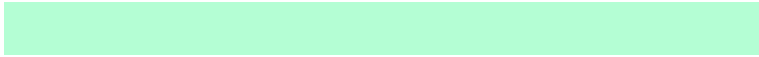
0, 0.000, 0.000



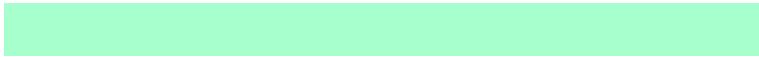
53, 0.007, 296.813

Same Dimension

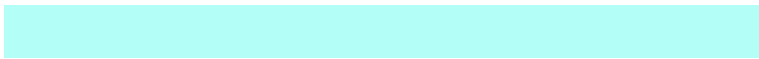
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 33.723, 157.577



93, 40.460, 156.925



95, 24.303, 190.351



52, 6.620, 159.465



68, 76.735, 145.940



23, 33.014, 149.118

Inverse Universe

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



81, 34.584, 342.696



78, 41.658, 343.306



80, 28.762, 15.446



50, 6.684, 340.893



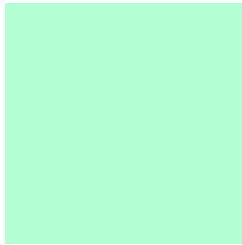
42, 69.452, 355.841



11, 32.664, 351.310

Previews

White Background



This preview shows how the CIE LCh color 94, 33.721, 157.578 looks on a white background.

Color Contrast Check

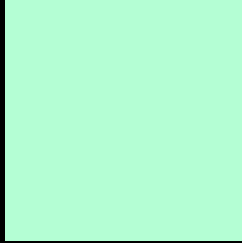
Large Text (above 18pt) WCAG AA × Fail

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, 33.721, 157.578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

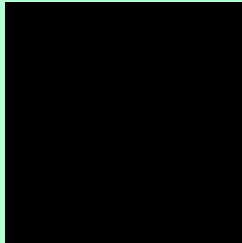
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

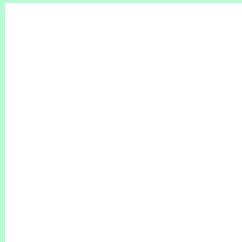
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 33.721, 157.578

Background



This preview shows how black text looks on a background with the CIELCh color 94, 33.721, 157.578.



This preview shows how white text looks on a background with the CIELCh color 94, 33.721, 157.578.

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



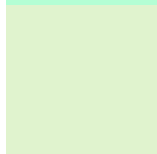


Tritanopia
94, 12.176, 229.471

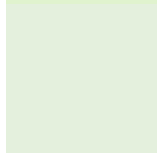
Trichromacy



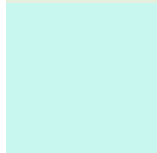
Original Color
94, 33.721, 157.578



Protanomaly
94, 20.229, 128.862



Deuteranomaly
93, 10.709, 133.212



Tritanomaly
94, 16.551, 183.896

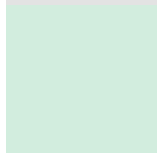
Monochromacy



Original Color
94, 33.721, 157.578



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 12.396, 159.885

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 33.721, 157.578 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(180, 254, 212)` looks like.

```
.text, #text, p{  
    color:rgb(180, 254, 212)  
}
```

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(180, 254, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 254, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 33.721, 157.578 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(180, 254, 212) }
```

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

```
.border{ border-color:rgb(180, 254, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 254, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 254, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 254, 212);  
box-shadow:4px 4px 4px 4px rgb(180, 254,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 33.721, 157.578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 254, 212) }
```

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

```
.background{ background-color: rgb(180,  
254, 212) }
```

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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