

Converting Colors

CIELCh(100, 42.502, 157.653)

Have a look what the booklet for
CIELCh(100, 42.502, 157.653)
contains.

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Color

CIELCh(94, 31.148, 164.457)

Conversions

Conversions Part 1

Format	Color
Hex	B2FEDD
RGB	178, 254, 221
RGB Percent	70%, 100%, 87%
CMY	0.3032, 0.0054, 0.1346
CMYK	0.30, 0.00, 0.13, 0.01
HSL	154°, 97%, 85%
HSV	154°, 30%, 99%
XYZ	66.6125, 85.2715, 81.1197
YIQ	227.5140, -34.7030, -26.3750

Conversions

Conversions Part 2

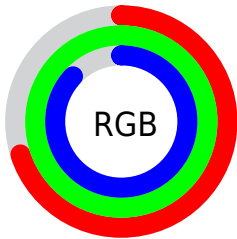
Format	Color
RYB	178, 227, 254
Decimal	11730653
CIELab	94.00, -30.01, 8.35
CIELCh	94, 31.148, 164.457
Yxy	85.2715, 0.2859, 0.3660
Android (android.graphics.Color)	4289920733 (0xFFB2FEDD)
YUV	227.5140, -3.2114, -43.4238
Hunter-Lab	92.3426, -32.8362, 12.5557

Details

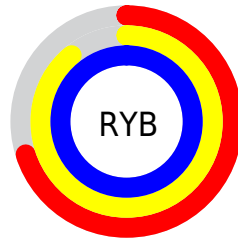
The CIELCh color **94, 31.148, 164.457** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **80, 32.790, 350.402**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 6.851, 199.068**, and **74, 31.156, 164.493** is the 20% darker color. If you saturate the color by 10%, you get **93, 40.982, 163.250**, and if you desaturate by 10%, it is **96, 20.924, 165.540**.

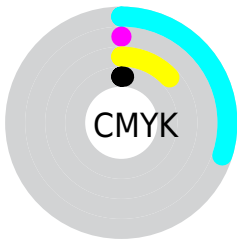
Distribution



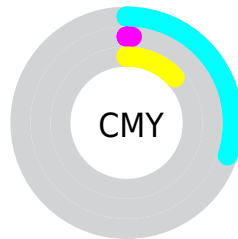
- Red (70%)
- Green (100%)
- Blue (87%)



- Red (70%)
- Yellow (89%)
- Blue (100%)



- Cyan (30%)
- Magenta (0%)
- Yellow (13%)
- Black (1%)





- Cyan (30%)
- Magenta (1%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 31.148, 164.457 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, 31.148, 164.457 by changing the saturation by 10% instead.


 94, 31.148,
164.457


 94, 31.148,
164.457


 100, 31.148,
164.457


 84, 31.148,
164.457

 74, 31.148,
164.457

 64, 31.148,
164.457

 54, 31.148,
164.457

 44, 31.148,
164.457

 34, 31.148,
164.457

 24, 31.148,

164.457

■ 14, 31.148,
164.457

■ 4, 31.148, 164.457

■ 94, 31.148,
164.457

■ 94, 31.148,
164.457

■ 93, 40.982,
163.250

■ 96, 20.924,
165.540

■ 91, 50.239,
161.898

■ 97, 10.472,
166.536

■ 90, 58.746,
160.371

■ 100, 0.065,
339.391

■ 90, 66.353,
158.646

■ 100, 0.862,
324.113

■ 89, 72.966,
156.705

■ 89, 78.579,
154.549

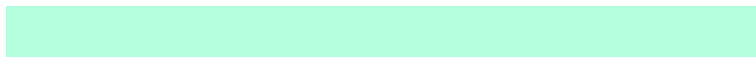
■ 88, 83.354,
152.242

■ 88, 83.378,
152.230

Harmonies

Complementary

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



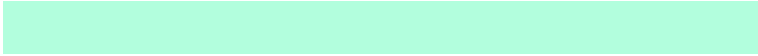
94, 31.148, 164.457



80, 32.790, 350.402

Rectangle

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



94, 31.148, 164.457



94, 31.148, 214.457



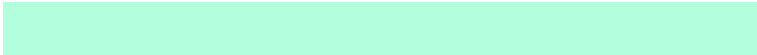
94, 31.148, 344.457



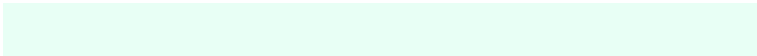
94, 31.148, 34.457

Sweetspot

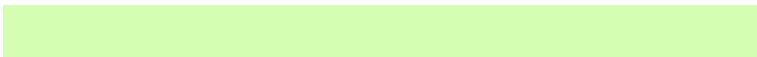
The Sweet Spot groups the original color and five complimentary colors.



94, 31.150, 164.456



98, 9.518, 166.629



95, 41.506, 129.414



52, 6.613, 166.486



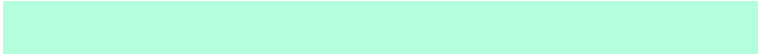
0, 0.000, 0.000



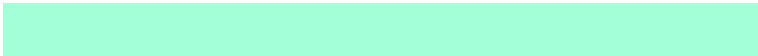
53, 0.007, 296.813

Same Dimension

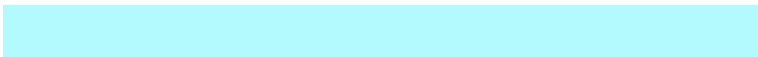
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 31.150, 164.456



94, 37.323, 163.741



94, 23.058, 202.902



52, 6.012, 166.579



68, 66.875, 152.659



23, 28.965, 155.885

Inverse Universe

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



80, 32.790, 350.402



77, 39.681, 351.189



80, 28.517, 25.721



50, 6.115, 348.171



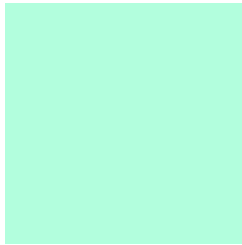
41, 68.041, 8.500



10, 31.407, 1.922

Previews

White Background



This preview shows how the CIE LCh color 94, 31.148, 164.457 looks on a white background.

Color Contrast Check

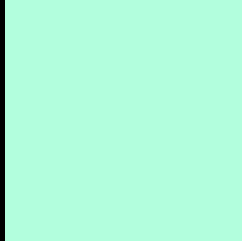
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 94, 31.148, 164.457 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, 31.148, 164.457

Background



This preview shows how black text looks on a background with the CIELCh color 94, 31.148, 164.457.

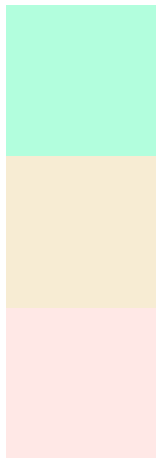


This preview shows how white text looks on a background with the CIELCh color 94, 31.148, 164.457.

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, 31.167, 164.444

Protanopia
94, 13.451, 91.451

Deuteranopia
94, 8.406, 26.893



Tritanopia
94, 12.728, 227.983

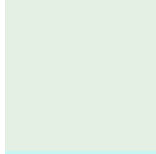
Trichromacy



Original Color
94, 31.167, 164.444



Protanomaly
93, 15.693, 136.523

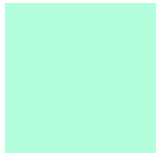


Deuteranomaly
94, 8.175, 144.167

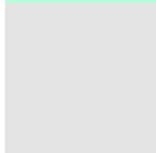


Tritanomaly
94, 16.626, 191.211

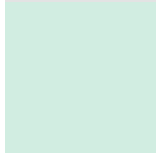
Monochromacy



Original Color
94, 31.167, 164.444



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 11.725, 166.674

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 31.148, 164.457 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(178, 254, 221)` looks like.

```
.text, #text, p{  
    color:rgb(178, 254, 221)  
}
```

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(178, 254, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 254, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 31.148, 164.457 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(178, 254, 221) }
```

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

```
.border{ border-color:rgb(178, 254, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 254, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 254, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 254, 221);  
box-shadow:4px 4px 4px 4px rgb(178, 254,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 31.148, 164.457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 254, 221) }
```

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

```
.background{ background-color: rgb(178,  
254, 221) }
```

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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