

Converting Colors

CIELCh(93, 31.344, 152.902)

Have a look what the booklet for
CIELCh(93, 31.344, 152.902)
contains.

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Color

CIELCh(93, 30.931, 153.222)

Conversions

Conversions Part 1

Format	Color
Hex	BBF9CF
RGB	187, 249, 207
RGB Percent	73%, 98%, 81%
CMY	0.2660, 0.0228, 0.1875
CMYK	0.25, 0.00, 0.17, 0.02
HSL	139°, 84%, 86%
HSV	139°, 25%, 98%
XYZ	65.7544, 82.9670, 71.6943
YIQ	225.6740, -23.4700, -26.2060

Conversions

Conversions Part 2

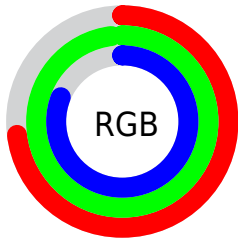
Format	Color
RYB	187, 234, 249
Decimal	12319183
CIELab	93.00, -27.61, 13.94
CIELCh	93, 30.931, 153.222
Yxy	82.9670, 0.2983, 0.3764
Android (android.graphics.Color)	4290509263 (0xFFBBF9CF)
YUV	225.6740, -9.2063, -33.9171
Hunter-Lab	91.0862, -30.5432, 17.0930

Details

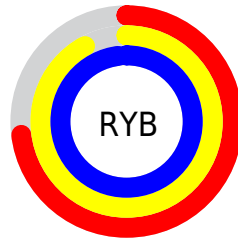
The CIELCh color **93, 30.931, 153.222** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **83, 31.283, 337.043**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 3.799, 199.339**, and **73, 30.713, 153.758** is the 20% darker color. If you saturate the color by 10%, you get **91, 43.181, 152.200**, and if you desaturate by 10%, it is **95, 18.493, 154.116**.

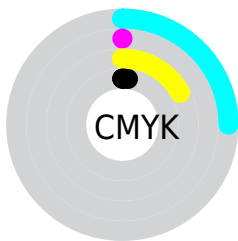
Distribution



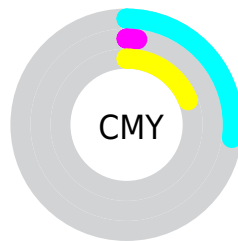
- Red (73%)
- Green (98%)
- Blue (81%)



- Red (73%)
- Yellow (92%)
- Blue (98%)



- Cyan (25%)
- Magenta (0%)
- Yellow (17%)
- Black (2%)





- Cyan (27%)
- Magenta (2%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 30.931, 153.222 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 93, 30.931, 153.222 by changing the saturation by 10% instead.


 93, 30.931,
153.222


 93, 30.931,
153.222


 100, 30.931,
153.222


 83, 30.931,
153.222

 73, 30.931,
153.222

 63, 30.931,
153.222

 53, 30.931,
153.222

 43, 30.931,
153.222

 33, 30.931,
153.222

 23, 30.931,

153.222

■ 13, 30.931,
153.222

■ 3, 30.931, 153.222

■ 93, 30.931,
153.222

■ 93, 30.931,
153.222

■ 91, 43.181,
152.200

■ 95, 18.493,
154.116

■ 90, 55.026,
151.024

■ 97, 6.038, 154.935

■ 89, 66.235,
149.674

■ 99, 3.617, 324.482

■ 88, 76.569,
148.132

■ 87, 85.818,
146.396

■ 87, 93.825,
144.487

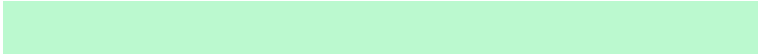
■ 86, 100.511,
142.464

■ 86, 103.478,
141.452

Harmonies

Complementary

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



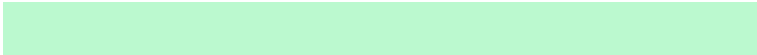
93, 30.931, 153.222



83, 31.283, 337.043

Rectangle

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



93, 30.931, 153.222



93, 30.931, 203.222



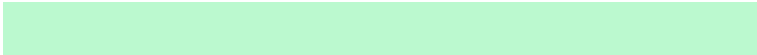
93, 30.931, 333.222



93, 30.931, 23.222

Sweetspot

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



93, 30.933, 153.221



98, 8.829, 154.759



95, 32.309, 121.009



52, 5.739, 154.710



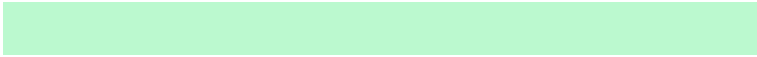
0, 0.000, 0.000



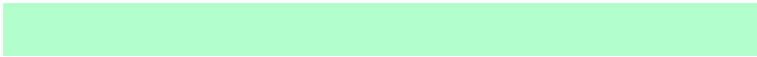
53, 0.007, 296.813

Same Dimension

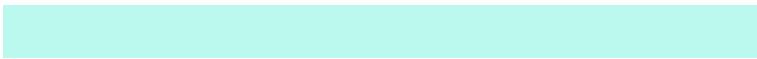
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 30.933, 153.221



94, 37.936, 152.713



94, 21.671, 182.281



51, 7.064, 154.558



67, 83.262, 141.822



22, 35.133, 144.936

Inverse Universe

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



83, 31.283, 337.043



81, 38.422, 337.469



82, 24.151, 7.173



49, 7.104, 335.846



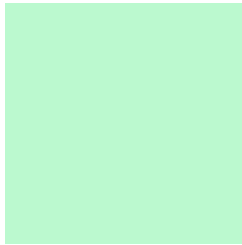
42, 72.570, 346.616



10, 33.689, 343.600

Previews

White Background



This preview shows how the CIE LCh color 93, 30.931, 153.222 looks on a white background.

Color Contrast Check

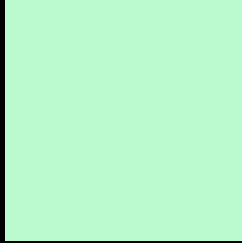
Large Text (above 18pt) WCAG AA × Fail

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 93, 30.931, 153.222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

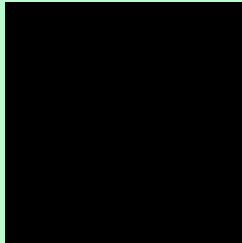
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

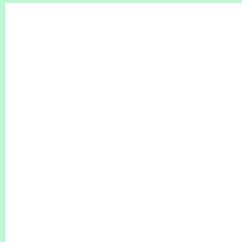
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 30.931, 153.222

Background



This preview shows how black text looks on a background with the CIELCh color 93, 30.931, 153.222.

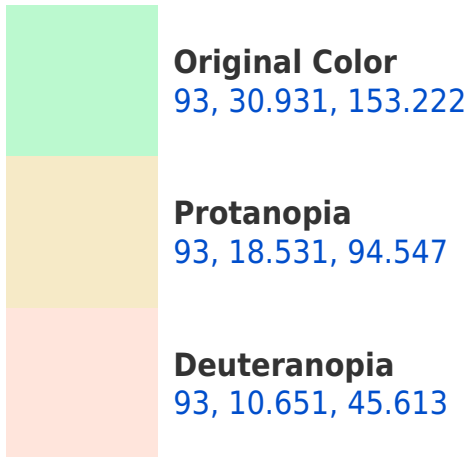


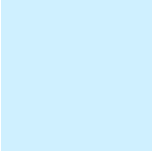
This preview shows how white text looks on a background with the CIELCh color 93, 30.931, 153.222.

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



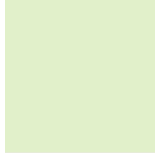


Tritanopia
93, 13.215, 234.875

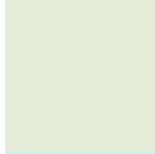
Trichromacy



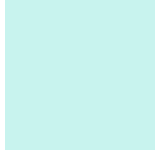
Original Color
93, 30.931, 153.222



Protanomaly
93, 20.282, 124.516



Deuteranomaly
92, 11.034, 120.747

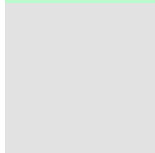


Tritanomaly
93, 14.890, 188.442

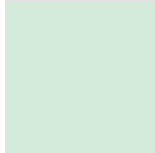
Monochromacy



Original Color
93, 30.931, 153.222



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 11.112, 154.390

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 30.931, 153.222 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(187, 249, 207)` looks like.

```
.text, #text, p{  
    color:rgb(187, 249, 207)  
}
```

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(187, 249, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 249, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 30.931, 153.222 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(187, 249, 207) }
```

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

```
.border{ border-color:rgb(187, 249, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 249, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 249, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 249, 207);  
box-shadow:4px 4px 4px 4px rgb(187, 249,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 30.931, 153.222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 249, 207) }
```

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

```
.background{ background-color: rgb(187,  
249, 207) }
```

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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