

Converting Colors

CIELCh(93, 36.162, 149.568)

Have a look what the booklet for
CIELCh(93, 36.162, 149.568)
contains.

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Color

CIELCh(93, 36.168, 149.715)

Conversions

Conversions Part 1

Format	Color
Hex	B7FBC7
RGB	183, 251, 199
RGB Percent	72%, 98%, 78%
CMY	0.2834, 0.0168, 0.2206
CMYK	0.27, 0.00, 0.21, 0.02
HSL	134°, 89%, 85%
HSV	134°, 27%, 98%
XYZ	64.1536, 82.9670, 66.5043
YIQ	224.7400, -23.8360, -30.5880

Conversions

Conversions Part 2

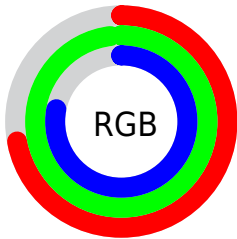
Format	Color
RYB	183, 238, 251
Decimal	12057543
CIELab	93.00, -31.23, 18.24
CIELCh	93, 36.168, 149.715
Yxy	82.9670, 0.3003, 0.3884
Android (android.graphics.Color)	4290247623 (0xFFB7FBC7)
YUV	224.7400, -12.6898, -36.6060
Hunter-Lab	91.0862, -33.6803, 20.4713

Details

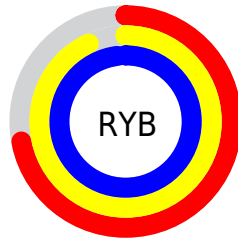
The CIELCh color **93, 36.168, 149.715** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **82, 36.389, 333.612**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 5.163, 199.206**, and **73, 36.151, 149.880** is the 20% darker color. If you saturate the color by 10%, you get **91, 49.286, 148.704**, and if you desaturate by 10%, it is **95, 22.821, 150.590**.

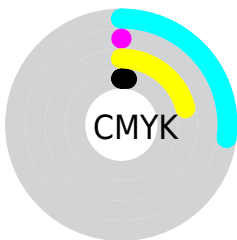
Distribution



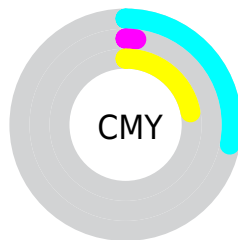
- Red (72%)
- Green (98%)
- Blue (78%)



- Red (72%)
- Yellow (93%)
- Blue (98%)



- Cyan (27%)
- Magenta (0%)
- Yellow (21%)
- Black (2%)





- Cyan (28%)
- Magenta (2%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 36.168, 149.715 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, 36.168, 149.715 by changing the saturation by 10% instead.


 93, 36.168,
149.715


 93, 36.168,
149.715


 100, 36.168,
149.715


 83, 36.168,
149.715

 73, 36.168,
149.715

 63, 36.168,
149.715

 53, 36.168,
149.715

 43, 36.168,
149.715

 33, 36.168,
149.715

 23, 36.168,

149.715

■ 13, 36.168,
149.715

■ 3, 36.168, 149.715

■ 93, 36.168,
149.715

■ 93, 36.168,
149.715

■ 91, 49.286,
148.704

■ 95, 22.821,
150.590

■ 90, 61.924,
147.537

■ 97, 9.443, 151.363

■ 99, 2.661, 324.418

■ 89, 73.809,
146.198

■ 88, 84.653,
144.685

■ 87, 94.185,
143.018

■ 87, 102.178,
141.251

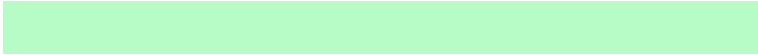
■ 87, 108.473,
139.486

■ 87, 110.008,
139.026

Harmonies

Complementary

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



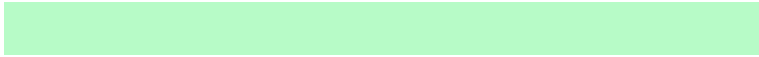
93, 36.168, 149.715



82, 36.389, 333.612

Rectangle

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



93, 36.168, 149.715



93, 36.168, 199.715



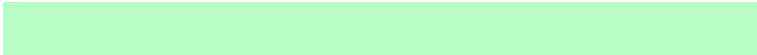
93, 36.168, 329.715



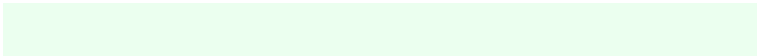
93, 36.168, 19.715

Sweetspot

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



93, 36.170, 149.715



98, 10.765, 151.296



96, 34.881, 117.502



52, 7.658, 151.183



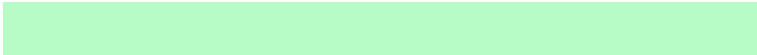
0, 0.000, 0.000



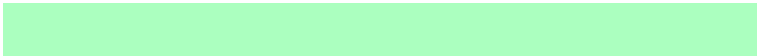
53, 0.007, 296.813

Same Dimension

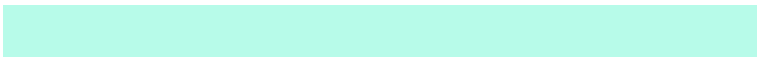
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 36.170, 149.715



93, 44.532, 149.135



94, 24.837, 175.669



51, 7.532, 151.185



67, 88.193, 139.343



22, 37.414, 142.123

Inverse Universe

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



82, 36.389, 333.612



80, 44.805, 334.043



81, 27.199, 1.296



49, 7.561, 332.380



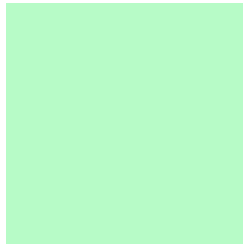
42, 76.889, 340.410



11, 35.546, 338.524

Previews

White Background



This preview shows how the CIE LCh color 93, 36.168, 149.715 looks on a white background.

Color Contrast Check

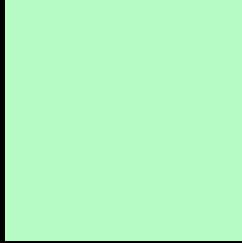
Large Text (above 18pt) WCAG AA × Fail

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, 36.168, 149.715 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, 36.168, 149.715

Background



This preview shows how black text looks on a background with the CIELCh color 93, 36.168, 149.715.

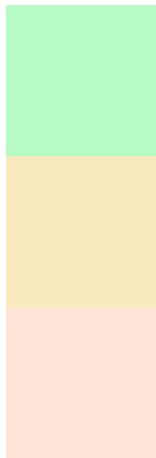


This preview shows how white text looks on a background with the CIELCh color 93, 36.168, 149.715.

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

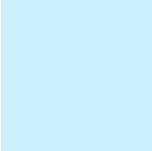
93, 36.168, 149.715

Protanopia

93, 23.201, 94.970

Deuteranopia

93, 11.754, 54.449

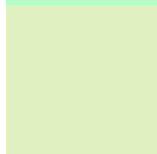


Tritanopia
93, 13.731, 233.302

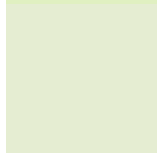
Trichromacy



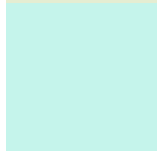
Original Color
93, 36.168, 149.715



Protanomaly
93, 24.811, 122.244



Deuteranomaly
93, 14.198, 121.008

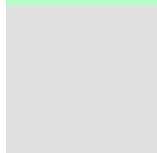


Tritanomaly
93, 16.757, 182.185

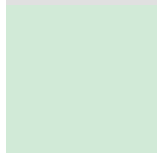
Monochromacy



Original Color
93, 36.168, 149.715



Achromatopsia
89, 0.011, 296.813



Achromatomaly
90, 13.385, 151.267

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 36.168, 149.715 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(183, 251, 199)` looks like.

```
.text, #text, p{  
    color:rgb(183, 251, 199)  
}
```

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(183, 251, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 251, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 36.168, 149.715 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(183, 251, 199) }
```

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

```
.border{ border-color:rgb(183, 251, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 251, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 251, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 251, 199);  
box-shadow:4px 4px 4px 4px rgb(183, 251,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 36.168, 149.715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 251, 199) }
```

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

```
.background{ background-color: rgb(183,  
251, 199) }
```

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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