

Converting Colors

CIELCh(90, 35.445, 144.727)

Have a look what the booklet for
CIELCh(90, 35.445, 144.727)
contains.

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Color

CIELCh(90, 35.690, 144.638)

Conversions

Conversions Part 1

Format	Color
Hex	B6F1BA
RGB	182, 241, 186
RGB Percent	71%, 95%, 73%
CMY	0.2868, 0.0554, 0.2711
CMYK	0.24, 0.00, 0.23, 0.06
HSL	124°, 68%, 83%
HSV	124°, 24%, 94%
XYZ	59.5283, 76.3034, 57.9757
YIQ	217.0890, -17.5090, -29.6130

Conversions

Conversions Part 2

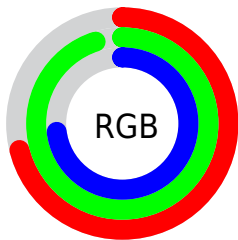
Format	Color
RYB	182, 237, 241
Decimal	11989434
CIELab	90.00, -29.11, 20.66
CIELCh	90, 35.690, 144.638
Yxy	76.3034, 0.3072, 0.3937
Android (android.graphics.Color)	4290179514 (0xFFB6F1BA)
YUV	217.0890, -15.3269, -30.7731
Hunter-Lab	87.3518, -31.2220, 21.7952

Details

The CIELCh color **90, 35.690, 144.638** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **81, 35.725, 327.714**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 8.730, 149.738**, and **70, 35.698, 144.697** is the 20% darker color. If you saturate the color by 10%, you get **88, 50.117, 143.736**, and if you desaturate by 10%, it is **92, 21.072, 145.415**.

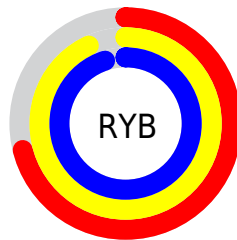
Distribution



Red (71%)

Green (95%)

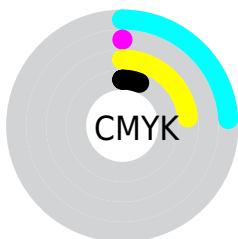
Blue (73%)



Red (71%)

Yellow (93%)

Blue (95%)

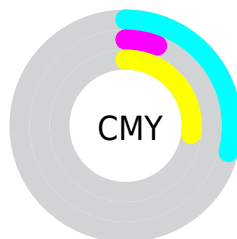


Cyan (24%)

Magenta (0%)

Yellow (23%)

Black (6%)



Cyan (29%)


Magenta (6%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 35.690, 144.638 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 90, 35.690, 144.638 by changing the saturation by 10% instead.


 90, 35.690,
144.638


 90, 35.690,
144.638


 100, 35.690,
144.638


 80, 35.690,
144.638


 70, 35.690,
144.638

 60, 35.690,
144.638

 50, 35.690,
144.638

 40, 35.690,
144.638

 30, 35.690,
144.638

 20, 35.690,

144.638

■ 10, 35.690,
144.638

■ 0, 35.690, 144.638

■ 90, 35.690,
144.638

■ 90, 35.690,
144.638

■ 88, 50.117,
143.736

■ 92, 21.072,
145.415

■ 87, 64.050,
142.698

■ 94, 6.487, 146.105

■ 86, 77.127,
141.531

■ 96, 7.895, 326.575

■ 97, 8.803, 324.713

■ 85, 88.917,
140.265

■ 84, 98.945,
138.973

■ 84, 106.718,
137.768

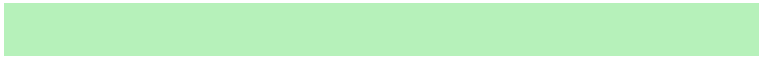
■ 83, 111.845,
136.795

■ 83, 113.548,
136.438

Harmonies

Complementary

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



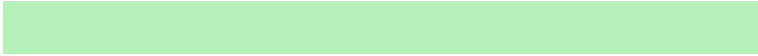
90, 35.690, 144.638



81, 35.725, 327.714

Rectangle

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



90, 35.690, 144.638



90, 35.690, 194.638



90, 35.690, 324.638



90, 35.690, 14.638

Sweetspot

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



90, 35.692, 144.638



98, 10.607, 145.932



94, 30.078, 110.669



52, 6.896, 145.891



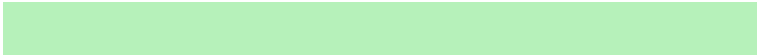
0, 0.000, 0.000



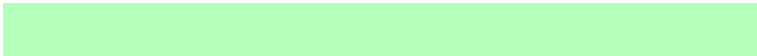
53, 0.007, 296.813

Same Dimension

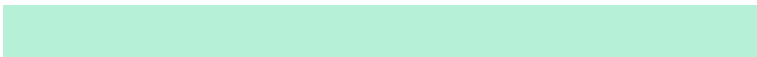
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 35.692, 144.638



94, 44.228, 144.240



91, 24.553, 165.104



49, 8.204, 145.766



65, 92.326, 136.574



19, 38.341, 139.021

Inverse Universe

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



81, 35.725, 327.714



83, 44.249, 327.978



80, 25.605, 349.784



47, 8.219, 326.836



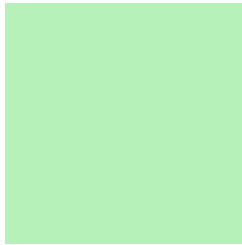
43, 85.620, 331.128



10, 37.654, 330.700

Previews

White Background



This preview shows how the CIE LCh color 90, 35.690, 144.638 looks on a white background.

Color Contrast Check

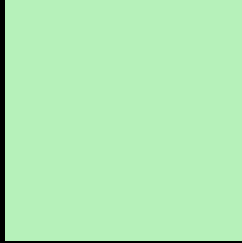
Large Text (above 18pt) WCAG AA × Fail

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 90, 35.690, 144.638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

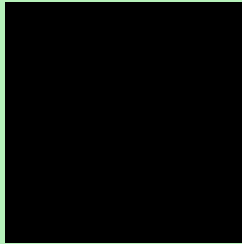
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

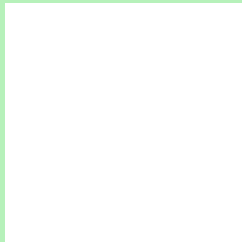
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 35.690, 144.638

Background



This preview shows how black text looks on a background with the CIELCh color 90, 35.690, 144.638.

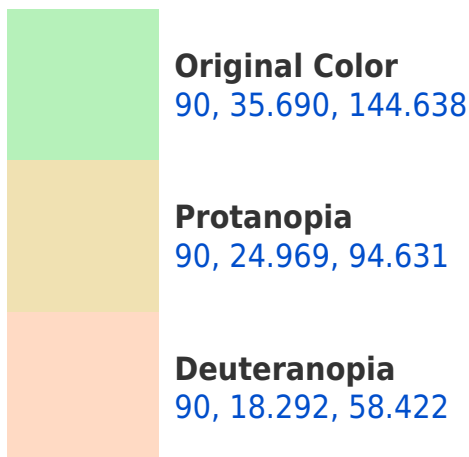



This preview shows how white text looks on a background with the CIELCh color 90, 35.690, 144.638.

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



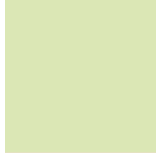


Tritanopia
90, 15.885, 237.403

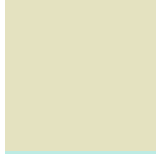
Trichromacy



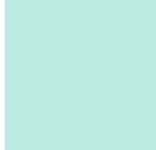
Original Color
90, 35.690, 144.638



Protanomaly
90, 26.144, 118.141



Deuteranomaly
89, 17.595, 106.256

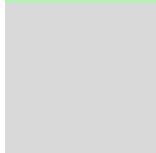


Tritanomaly
90, 16.365, 183.553

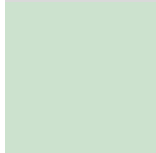
Monochromacy



Original Color
90, 35.690, 144.638



Achromatopsia
87, 0.010, 296.813



Achromatomaly
88, 13.188, 146.425

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 35.690, 144.638 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(182, 241, 186)` looks like.

```
.text, #text, p{  
    color:rgb(182, 241, 186)  
}
```

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(182, 241, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 241, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 35.690, 144.638 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(182, 241, 186) }
```

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

```
.border{ border-color:rgb(182, 241, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 241, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 241, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 241, 186);  
box-shadow:4px 4px 4px 4px rgb(182, 241,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 35.690, 144.638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 241, 186) }
```

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

```
.background{ background-color: rgb(182,  
241, 186) }
```

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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