

Converting Colors

CIELCh(90, 27.267, 150.315)

Have a look what the booklet for
CIELCh(90, 27.267, 150.315)
contains.

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Color

CIELCh(90, 27.385, 150.238)

Conversions

Conversions Part 1

Format	Color
Hex	BCEFC8
RGB	188, 239, 200
RGB Percent	74%, 94%, 78%
CMY	0.2642, 0.0642, 0.2171
CMYK	0.21, 0.00, 0.16, 0.06
HSL	134°, 61%, 84%
HSV	134°, 21%, 94%
XYZ	61.7824, 76.3034, 65.8870
YIQ	219.3050, -17.8770, -22.9410

Conversions

Conversions Part 2

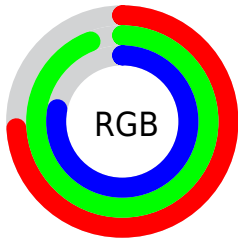
Format	Color
RYB	188, 229, 239
Decimal	12382152
CIELab	90.00, -23.77, 13.59
CIELCh	90, 27.385, 150.238
Yxy	76.3034, 0.3029, 0.3741
Android (android.graphics.Color)	4290572232 (0xFFBCEFC8)
YUV	219.3050, -9.5174, -27.4545
Hunter-Lab	87.3518, -26.6158, 16.4255

Details

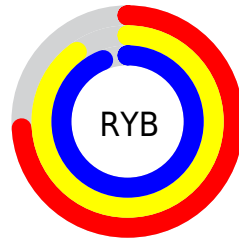
The CIELCh color **90, 27.385, 150.238** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **82, 27.536, 333.198**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 3.457, 199.378**, and **70, 27.460, 150.136** is the 20% darker color. If you saturate the color by 10%, you get **88, 40.144, 149.312**, and if you desaturate by 10%, it is **92, 14.526, 151.045**.

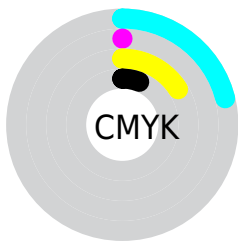
Distribution



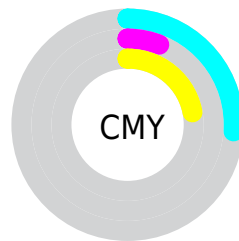
- Red (74%)
- Green (94%)
- Blue (78%)



- Red (74%)
- Yellow (90%)
- Blue (94%)



- Cyan (21%)
- Magenta (0%)
- Yellow (16%)
- Black (6%)





- Cyan (26%)
- Magenta (6%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 27.385, 150.238 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, 27.385, 150.238 by changing the saturation by 10% instead.


 90, 27.385,
150.238


 90, 27.385,
150.238


 100, 27.385,
150.238


 80, 27.385,
150.238

 70, 27.385,
150.238

 60, 27.385,
150.238

 50, 27.385,
150.238

 40, 27.385,
150.238


 30, 27.385,
150.238

 20, 27.385,

150.238


 10, 27.385,
150.238


 0, 27.385, 150.238

 90, 27.385,
150.238

 90, 27.385,
150.238

 88, 40.144,
149.312

 92, 14.526,
151.045


 87, 52.584,
148.241

 94, 1.730, 151.919

 86, 64.459,
147.008

 96, 9.951, 325.818

 85, 75.499,
145.600

 96, 10.215,
324.767

■ 84, 85.433,
144.025

■ 83, 94.016,
142.313

■ 83, 101.051,
140.535

■ 83, 105.842,
139.075

Harmonies

Complementary

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



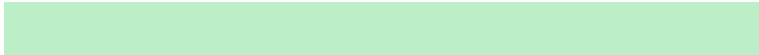
90, 27.385, 150.238



82, 27.536, 333.198

Rectangle

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



90, 27.385, 150.238



90, 27.385, 200.238



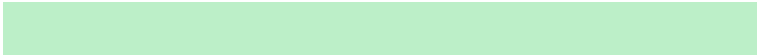
90, 27.385, 330.238



90, 27.385, 20.238

Sweetspot

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



90, 27.387, 150.238



99, 8.062, 151.447



92, 26.477, 117.886



52, 5.350, 151.398



0, 0.000, 0.000



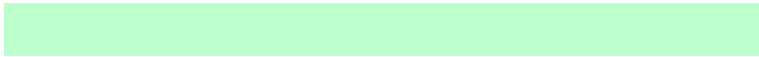
53, 0.007, 296.813

Same Dimension

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



90, 27.387, 150.238



95, 35.162, 149.817



91, 18.986, 176.288



49, 7.279, 151.188



65, 86.341, 139.379



20, 35.035, 142.570

Inverse Universe

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



82, 27.536, 333.198



84, 35.373, 333.533



81, 20.368, 0.534



47, 7.306, 332.377



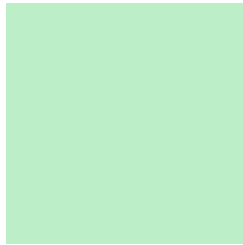
41, 75.362, 340.380



9, 33.690, 338.313

Previews

White Background



This preview shows how the CIELCh color 90, 27.385, 150.238 looks on a white background.

Color Contrast Check

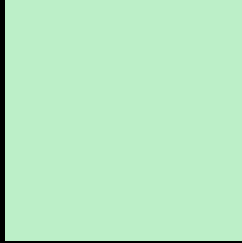
Large Text (above 18pt) WCAG AA × Fail

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 90, 27.385, 150.238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

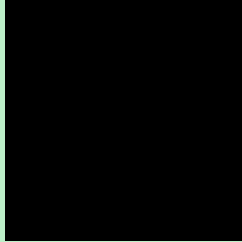
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

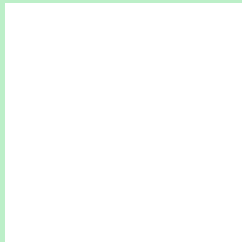
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 27.385, 150.238

Background



This preview shows how black text looks on a background with the CIELCh color 90, 27.385, 150.238.

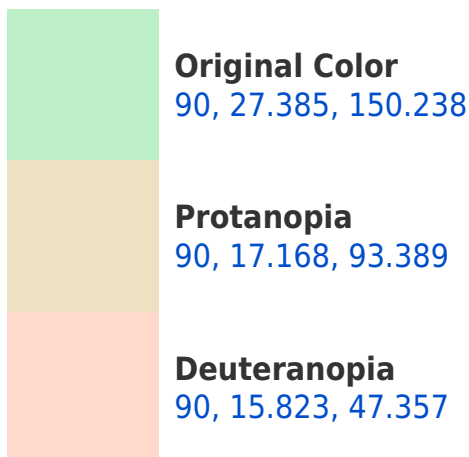


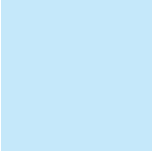
This preview shows how white text looks on a background with the CIELCh color 90, 27.385, 150.238.

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



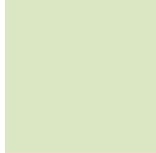


Tritanopia
90, 14.630, 238.758

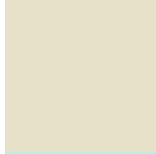
Trichromacy



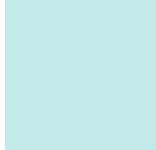
Original Color
90, 27.385, 150.238



Protanomaly
90, 18.556, 121.483

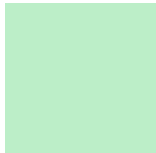


Deuteranomaly
89, 12.110, 98.529

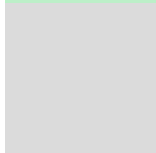


Tritanomaly
90, 13.697, 194.152

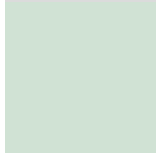
Monochromacy



Original Color
90, 27.385, 150.238



Achromatopsia
87, 0.010, 296.813



Achromatomaly
88, 9.811, 150.829

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 27.385, 150.238 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(188, 239, 200)` looks like.

```
.text, #text, p{  
    color:rgb(188, 239, 200)  
}
```

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(188, 239, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 239, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 27.385, 150.238 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(188, 239, 200) }
```

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

```
.border{ border-color:rgb(188, 239, 200) }
```

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

Here you see how a box with a 4 pixel rgb(188, 239, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 239, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 239, 200);  
box-shadow:4px 4px 4px 4px rgb(188, 239,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 27.385, 150.238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 239, 200) }
```

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

```
.background{ background-color: rgb(188,  
239, 200) }
```

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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