

Converting Colors

CIE LCh(92, 41.170, 143.031)

Have a look what the booklet for
CIELCh(92, 41.170, 143.031)
contains.

CIELCh(92, 41.162, 143.013)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(92, 41.162, 143.013)

Conversions

Conversions Part 1

Format	Color
Hex	B6F8B7
RGB	182, 248, 183
RGB Percent	71%, 97%, 72%
CMY	0.2853, 0.0264, 0.2814
CMYK	0.27, 0.00, 0.26, 0.03
HSL	121°, 83%, 84%
HSV	121°, 27%, 97%
XYZ	61.5748, 80.7044, 57.2695
YIQ	220.8560, -18.4710, -34.2070

Conversions

Conversions Part 2

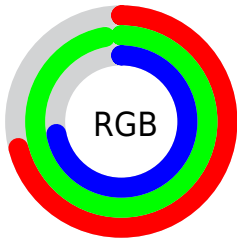
Format	Color
RYB	182, 247, 248
Decimal	11991223
CIELab	92.00, -32.88, 24.76
CIElCh	92, 41.162, 143.013
Yxy	80.7044, 0.3086, 0.4044
Android (android.graphics.Color)	4290181303 (0xFFB6F8B7)
YUV	220.8560, -18.6630, -34.0767
Hunter-Lab	89.8356, -34.8656, 25.0881

Details

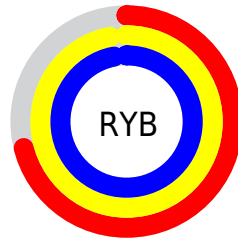
The CIELCh color **92, 41.162, 143.013** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **82, 41.174, 326.311**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 9.955, 144.109**, and **72, 40.940, 143.295** is the 20% darker color. If you saturate the color by 10%, you get **90, 56.386, 142.098**, and if you desaturate by 10%, it is **94, 25.654, 143.804**.

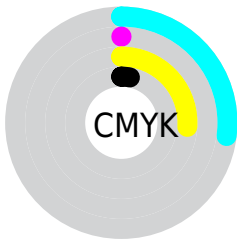
Distribution



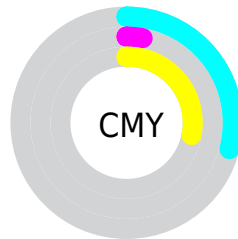
- Red (71%)
- Green (97%)
- Blue (72%)



- Red (71%)
- Yellow (97%)
- Blue (97%)



- Cyan (27%)
- Magenta (0%)
- Yellow (26%)
- Black (3%)





- Cyan (29%)
- Magenta (3%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 41.162, 143.013 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 92, 41.162, 143.013 by changing the saturation by 10% instead.


 92, 41.162,
143.013


 92, 41.162,
143.013


 100, 41.162,
143.013


 82, 41.162,
143.013

 72, 41.162,
143.013

 62, 41.162,
143.013


 52, 41.162,
143.013

 42, 41.162,
143.013


 32, 41.162,
143.013


 22, 41.162,


143.013

 12, 41.162,
143.013


 2, 41.162, 143.013


 92, 41.162,
143.013

 92, 41.162,
143.013

 90, 56.386,
142.098


 94, 25.654,
143.804

 89, 70.962,
141.059

 96, 10.129,
144.491

 88, 84.448,
139.919

 98, 4.189, 324.514

 87, 96.307,
138.740

■ 86, 105.933,
137.631

■ 86, 112.745,
136.739

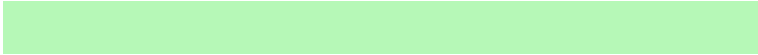
■ 86, 116.433,
136.193

■ 86, 117.133,
136.101

Harmonies

Complementary

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



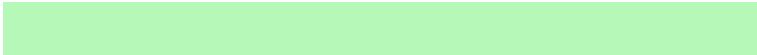
92, 41.162, 143.013



82, 41.174, 326.311

Rectangle

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



92, 41.162, 143.013



92, 41.162, 193.013



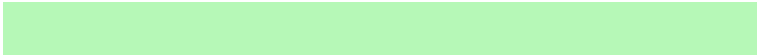
92, 41.162, 323.013



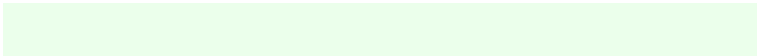
92, 41.162, 13.013

Sweetspot

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



92, 41.164, 143.013



98, 12.581, 144.397



96, 33.367, 107.585



52, 8.951, 144.297



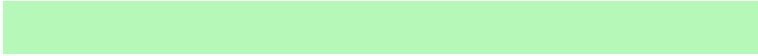
0, 0.000, 0.000



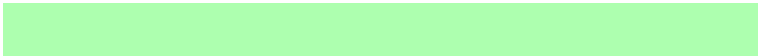
53, 0.007, 296.813

Same Dimension

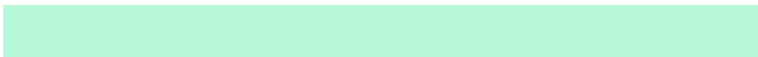
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 41.164, 143.013



93, 50.539, 142.530



93, 28.703, 161.208



51, 8.804, 144.298



67, 95.237, 136.136



21, 42.153, 137.334

Inverse Universe

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



82, 41.174, 326.311



81, 50.515, 326.606



81, 29.673, 346.096



49, 8.817, 325.351



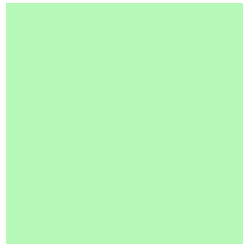
45, 91.073, 328.841



11, 41.267, 328.764

Previews

White Background



This preview shows how the CIE LCh color 92, 41.162, 143.013 looks on a white background.

Color Contrast Check

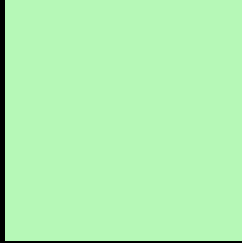
Large Text (above 18pt) WCAG AA × Fail

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 92, 41.162, 143.013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

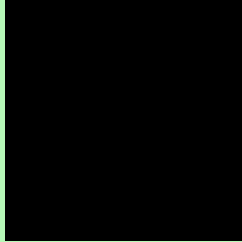
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 41.162, 143.013

Background



This preview shows how black text looks on a background with the CIELCh color 92, 41.162, 143.013.

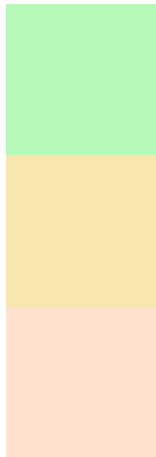


This preview shows how white text looks on a background with the CIELCh color 92, 41.162, 143.013.

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

92, 41.162, 143.013

Protanopia

92, 29.419, 95.534

Deuteranopia

92, 15.076, 62.838

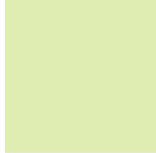


Tritanopia
92, 15.036, 234.735

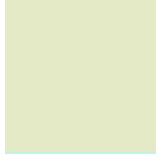
Trichromacy



Original Color
92, 41.162, 143.013



Protanomaly
91, 30.646, 117.816

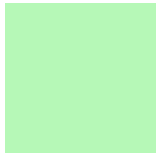


Deuteranomaly
91, 18.610, 114.453

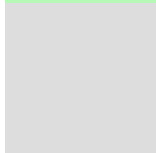


Tritanomaly
92, 17.911, 176.145

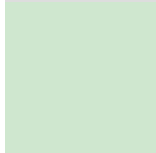
Monochromacy



Original Color
92, 41.162, 143.013



Achromatopsia
88, 0.010, 296.813



Achromatomaly
89, 15.262, 143.841

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 41.162, 143.013 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, 248, 183)` looks like.

```
.text, #text, p{  
    color:rgb(182, 248, 183)  
}
```

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, 248, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 248, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 41.162, 143.013 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, 248, 183) }
```

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

```
.border{ border-color:rgb(182, 248, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 248, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 248, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 248, 183);  
box-shadow:4px 4px 4px 4px rgb(182, 248,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 41.162, 143.013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 248, 183) }
```

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

```
.background{ background-color: rgb(182,  
248, 183) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor