

Converting Colors

CIELCh(88, 34.622, 142.904)

Have a look what the booklet for
CIELCh(88, 34.622, 142.904)
contains.

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Color

CIELCh(88, 34.407, 142.914)

Conversions

Conversions Part 1

Format	Color
Hex	B4EAB4
RGB	180, 234, 180
RGB Percent	71%, 92%, 71%
CMY	0.2930, 0.0811, 0.2930
CMYK	0.23, 0.00, 0.23, 0.08
HSL	120°, 57%, 81%
HSV	120°, 23%, 92%
XYZ	56.6687, 72.0653, 54.2589
YIQ	211.6980, -14.8500, -28.2420

Conversions

Conversions Part 2

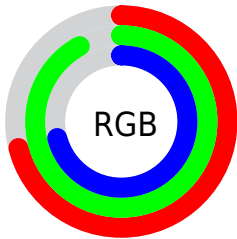
Format	Color
RYB	180, 234, 234
Decimal	11856564
CIELab	88.00, -27.45, 20.75
CIELCh	88, 34.407, 142.914
Yxy	72.0653, 0.3097, 0.3938
Android (android.graphics.Color)	4290046644 (0xFFB4EAB4)
YUV	211.6980, -15.6271, -27.7991
Hunter-Lab	84.8913, -29.4030, 21.5282

Details

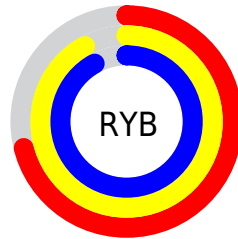
The CIELCh color **88, 34.407, 142.914** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **80, 34.425, 325.698**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 11.632, 142.647**, and **68, 34.401, 142.948** is the 20% darker color. If you saturate the color by 10%, you get **86, 49.212, 142.052**, and if you desaturate by 10%, it is **90, 19.427, 143.658**.

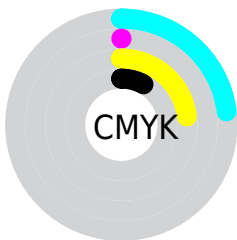
Distribution



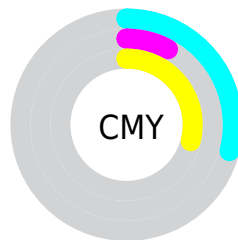
- Red (71%)
- Green (92%)
- Blue (71%)



- Red (71%)
- Yellow (92%)
- Blue (92%)



- Cyan (23%)
- Magenta (0%)
- Yellow (23%)
- Black (8%)




- Cyan (29%)
- Magenta (8%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 34.407, 142.914 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 88, 34.407, 142.914 by changing the saturation by 10% instead.


 88, 34.407,
142.914

 88, 34.407,
142.914


 100, 34.407,
142.914


 78, 34.407,
142.914

 68, 34.407,
142.914

 58, 34.407,
142.914

 48, 34.407,
142.914

 38, 34.407,
142.914


 28, 34.407,
142.914


 18, 34.407,


142.914


 8, 34.407, 142.914


 0, 34.407, 142.914

 88, 34.407,
142.914


 88, 34.407,
142.914


 86, 49.212,
142.052


 90, 19.427,
143.658

 85, 63.520,
141.067

 92, 4.507, 144.333

 84, 76.925,
139.976

 94, 10.183,
324.769

 83, 88.928,
138.832

 95, 12.915,
324.866

 82, 98.945,

137.731

■ 82, 106.371,
136.818

■ 81, 110.780,
136.232

■ 81, 112.350,
136.016

Harmonies

Complementary

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



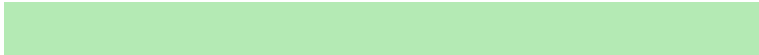
88, 34.407, 142.914



80, 34.425, 325.698

Rectangle

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



88, 34.407, 142.914



88, 34.407, 192.914



88, 34.407, 322.914



88, 34.407, 12.914

Sweetspot

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



88, 34.409, 142.914



98, 11.113, 144.060



91, 27.222, 107.236



52, 7.224, 144.021



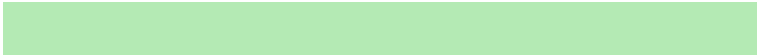
0, 0.000, 0.000



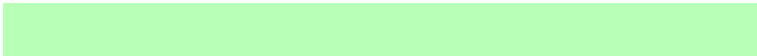
53, 0.007, 296.813

Same Dimension

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



88, 34.409, 142.914



94, 44.737, 142.492



89, 24.101, 160.724



48, 8.445, 143.900



64, 92.620, 136.016



18, 38.236, 138.275

Inverse Universe

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



80, 34.425, 325.698



83, 44.738, 325.972



79, 24.751, 344.791



46, 8.457, 324.941



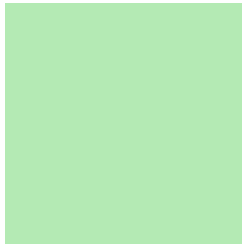
43, 89.364, 328.231



9, 38.267, 328.231

Previews

White Background



This preview shows how the CIELCh color 88, 34.407, 142.914 looks on a white background.

Color Contrast Check

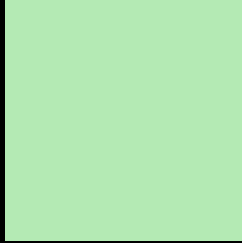
Large Text (above 18pt) WCAG AA × Fail

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 88, 34.407, 142.914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

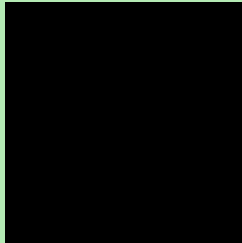
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

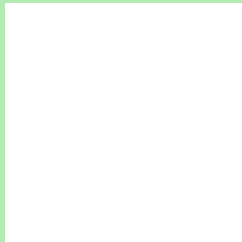
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 34.407, 142.914

Background



This preview shows how black text looks on a background with the CIELCh color 88, 34.407, 142.914.

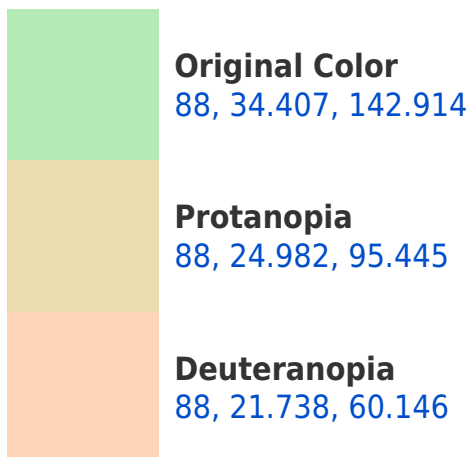


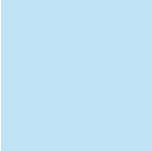
This preview shows how white text looks on a background with the CIELCh color 88, 34.407, 142.914.

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
88, 14.682, 238.823

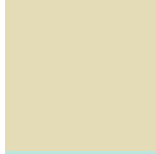
Trichromacy



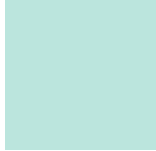
Original Color
88, 34.407, 142.914



Protanomaly
88, 25.694, 117.503



Deuteranomaly
87, 19.396, 100.588

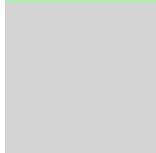


Tritanomaly
88, 15.175, 182.360

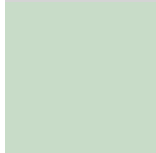
Monochromacy



Original Color
88, 34.407, 142.914



Achromatopsia
85, 0.010, 296.813



Achromatomaly
86, 12.824, 143.929

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 34.407, 142.914 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(180, 234, 180)` looks like.

```
.text, #text, p{  
    color:rgb(180, 234, 180)  
}
```

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(180, 234, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 234, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 34.407, 142.914 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(180, 234, 180) }
```

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

```
.border{ border-color:rgb(180, 234, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 234, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(180, 234, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(180, 234, 180); box-shadow:4px 4px 4px 4px rgb(180, 234, 180) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 34.407, 142.914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 234, 180) }
```

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

```
.background{ background-color: rgb(180,  
234, 180) }
```

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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