

Converting Colors

CIELCh(88, 32.675, 145.197)

Have a look what the booklet for
CIELCh(88, 32.675, 145.197)
contains.

CIELCh(88, 32.703, 144.936)	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(88, 32.703, 144.936)

Conversions

Conversions Part 1

Format	Color
Hex	B4EAB8
RGB	180, 234, 184
RGB Percent	71%, 92%, 72%
CMY	0.2938, 0.0820, 0.2781
CMYK	0.23, 0.00, 0.21, 0.08
HSL	124°, 56%, 81%
HSV	124°, 23%, 92%
XYZ	56.9438, 72.0653, 56.2963
YIQ	212.1540, -16.1340, -26.9980

Conversions

Conversions Part 2

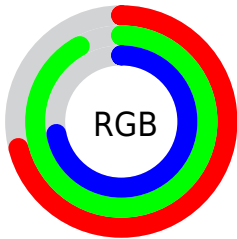
Format	Color
RYB	180, 230, 234
Decimal	11856568
CIELab	88.00, -26.77, 18.79
CIELCh	88, 32.703, 144.936
Yxy	72.0653, 0.3073, 0.3889
Android (android.graphics.Color)	4290046648 (0xFFB4EAB8)
YUV	212.1540, -13.8799, -28.1991
Hunter-Lab	84.8913, -28.8246, 20.1053

Details

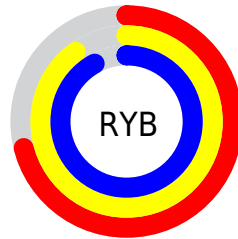
The CIELCh color **88, 32.703, 144.936** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **80, 32.742, 327.816**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 9.976, 148.981**, and **68, 32.622, 145.093** is the 20% darker color. If you saturate the color by 10%, you get **86, 46.784, 144.053**, and if you desaturate by 10%, it is **90, 18.474, 145.697**.

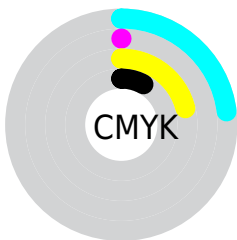
Distribution



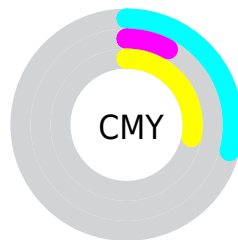
- Red (71%)
- Green (92%)
- Blue (72%)



- Red (71%)
- Yellow (90%)
- Blue (92%)



- Cyan (23%)
- Magenta (0%)
- Yellow (21%)
- Black (8%)





- Cyan (29%)
- Magenta (8%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 32.703, 144.936 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, 32.703, 144.936 by changing the saturation by 10% instead.


 88, 32.703,
144.936


 88, 32.703,
144.936


 100, 32.703,
144.936


 78, 32.703,
144.936

 68, 32.703,
144.936

 58, 32.703,
144.936

 48, 32.703,
144.936

 38, 32.703,
144.936


 28, 32.703,
144.936


 18, 32.703,


144.936


 8, 32.703, 144.936


 0, 32.703, 144.936

 88, 32.703,
144.936

 88, 32.703,
144.936

 86, 46.784,
144.053


 90, 18.474,
145.697


 85, 60.434,
143.034

 92, 4.305, 146.395

 84, 73.316,
141.882

 94, 9.649, 326.836

 83, 85.028,
140.621

 95, 13.058,
324.872

 82, 95.118,

139.313

■ 82, 103.120,
138.063

■ 81, 108.630,
137.009

■ 81, 110.949,
136.502

Harmonies

Complementary

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



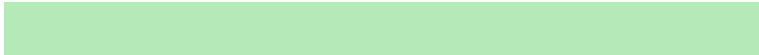
88, 32.703, 144.936



80, 32.742, 327.816

Rectangle

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



88, 32.703, 144.936



88, 32.703, 194.936



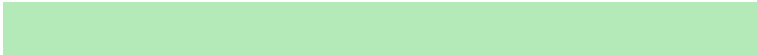
88, 32.703, 324.936



88, 32.703, 14.936

Sweetspot

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



88, 32.705, 144.936



98, 10.562, 146.112



91, 27.703, 110.796



52, 6.866, 146.071



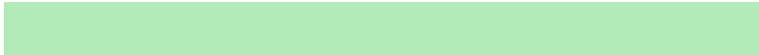
0, 0.000, 0.000



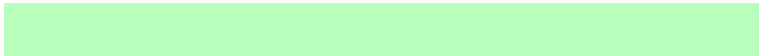
53, 0.007, 296.813

Same Dimension

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



88, 32.705, 144.936



94, 42.529, 144.506



89, 22.622, 165.259



48, 8.026, 145.947



64, 91.222, 136.642



18, 36.829, 139.584

Inverse Universe

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



80, 32.742, 327.816



83, 42.558, 328.109



79, 23.533, 349.618



46, 8.040, 327.017



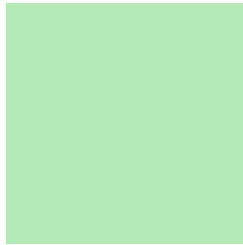
42, 84.327, 331.412



9, 36.419, 330.915

Previews

White Background



This preview shows how the CIELCh color 88, 32.703, 144.936 looks on a white background.

Color Contrast Check

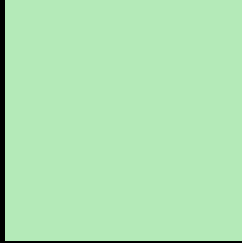
Large Text (above 18pt) WCAG AA × Fail

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, 32.703, 144.936 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

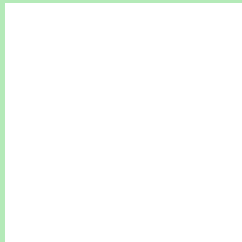
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 32.703, 144.936

Background



This preview shows how black text looks on a background with the CIELCh color 88, 32.703, 144.936.

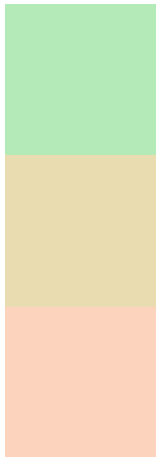


This preview shows how white text looks on a background with the CIELCh color 88, 32.703, 144.936.

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](#).

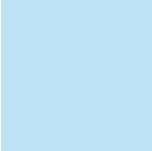
Dichromacy



Original Color
88, 32.703, 144.936

Protanopia
88, 22.876, 95.522

Deuteranopia
88, 19.697, 57.374

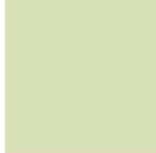


Tritanopia
88, 14.682, 238.823

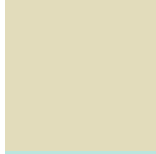
Trichromacy



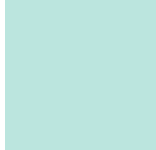
Original Color
88, 32.703, 144.936



Protanomaly
88, 23.675, 118.429

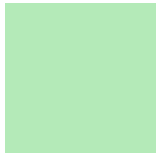


Deuteranomaly
87, 17.292, 101.126

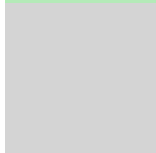


Tritanomaly
88, 15.001, 184.253

Monochromacy



Original Color
88, 32.703, 144.936



Achromatopsia
85, 0.010, 296.813



Achromatomaly
86, 11.968, 146.742

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 32.703, 144.936 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, 184)` looks like.

```
.text, #text, p{  
    color:rgb(180, 234, 184)  
}
```

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, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 234, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 32.703, 144.936 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, 184) }
```

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

```
.border{ border-color:rgb(180, 234, 184) }
```

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, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 234, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 234, 184);  
box-shadow:4px 4px 4px 4px rgb(180, 234,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 32.703, 144.936 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, 184) }
```

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

```
.background{ background-color: rgb(180,  
234, 184) }
```

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