

Converting Colors

CIELCh(88, 34.267, 145.841)

Have a look what the booklet for
CIELCh(88, 34.267, 145.841)
contains.

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Color

CIELCh(88, 34.382, 145.659)

Conversions

Conversions Part 1

Format	Color
Hex	B1EBB7
RGB	177, 235, 183
RGB Percent	69%, 92%, 72%
CMY	0.3065, 0.0790, 0.2829
CMYK	0.25, 0.00, 0.22, 0.08
HSL	126°, 59%, 81%
HSV	126°, 25%, 92%
XYZ	56.2892, 72.0653, 55.6592
YIQ	211.7300, -17.8760, -28.4680

Conversions

Conversions Part 2

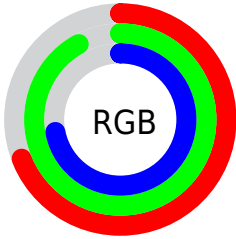
Format	Color
RYB	177, 230, 235
Decimal	11660215
CIELab	88.00, -28.39, 19.40
CIElCh	88, 34.382, 145.659
Yxy	72.0653, 0.3059, 0.3916
Android (android.graphics.Color)	4289850295 (0xFFB1EBB7)
YUV	211.7300, -14.1639, -30.4582
Hunter-Lab	84.8913, -30.2010, 20.5503

Details

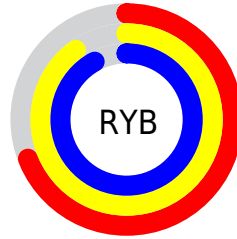
The CIELCh color **88, 34.382, 145.659** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **79, 34.436, 328.821**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 11.062, 151.379**, and **68, 34.365, 145.765** is the 20% darker color. If you saturate the color by 10%, you get **86, 48.168, 144.744**, and if you desaturate by 10%, it is **90, 20.416, 146.448**.

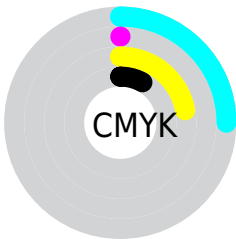
Distribution



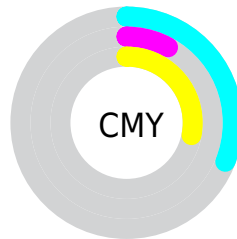
- Red (69%)
- Green (92%)
- Blue (72%)



- Red (69%)
- Yellow (90%)
- Blue (92%)



- Cyan (25%)
- Magenta (0%)
- Yellow (22%)
- Black (8%)




- Cyan (31%)
- Magenta (8%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 34.382, 145.659 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, 34.382, 145.659 by changing the saturation by 10% instead.


 88, 34.382,
145.659


 88, 34.382,
145.659


 100, 34.382,
145.659


 78, 34.382,
145.659

 68, 34.382,
145.659

 58, 34.382,
145.659

 48, 34.382,
145.659

 38, 34.382,
145.659


 28, 34.382,
145.659


 18, 34.382,

145.659

 8, 34.382, 145.659


 0, 34.382, 145.659

 88, 34.382,
145.659


 88, 34.382,
145.659

 86, 48.168,
144.744


 90, 20.416,
146.448


 85, 61.495,
143.688

 92, 6.479, 147.149

 84, 74.036,
142.491

 94, 7.270, 327.626

 83, 85.413,
141.175

 95, 12.580,
324.854

 82, 95.214,

139.793

■ 82, 103.025,
138.445

■ 82, 108.494,
137.264

■ 82, 110.442,
136.792

Harmonies

Complementary

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



88, 34.382, 145.659



79, 34.436, 328.821

Rectangle

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



88, 34.382, 145.659



88, 34.382, 195.659



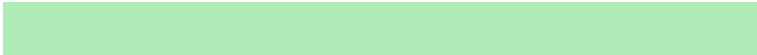
88, 34.382, 325.659



88, 34.382, 15.659

Sweetspot

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



88, 34.384, 145.659



98, 10.346, 146.986



91, 29.760, 112.081



52, 6.726, 146.945



0, 0.000, 0.000



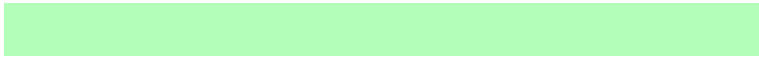
53, 0.007, 296.813

Same Dimension

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



88, 34.384, 145.659



94, 44.613, 145.178



89, 23.650, 167.059



48, 7.862, 146.819



64, 90.505, 136.968



18, 36.277, 140.134

Inverse Universe

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



79, 34.436, 328.821



82, 44.657, 329.147



78, 24.836, 351.883



46, 7.878, 327.904



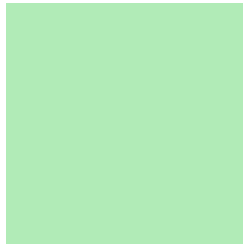
42, 82.406, 332.827



9, 35.708, 332.089

Previews

White Background



This preview shows how the CIELCh color 88, 34.382, 145.659 looks on a white background.

Color Contrast Check

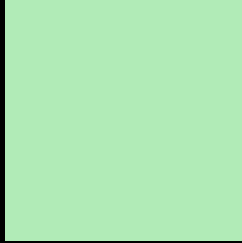
Large Text (above 18pt) WCAG AA × Fail

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, 34.382, 145.659 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

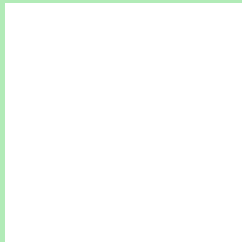
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 34.382, 145.659

Background



This preview shows how black text looks on a background with the CIELCh color 88, 34.382, 145.659.

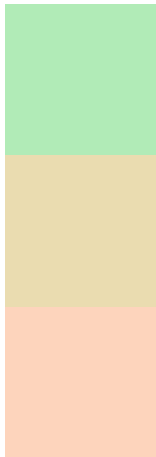


This preview shows how white text looks on a background with the CIELCh color 88, 34.382, 145.659.

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, 34.382, 145.659

Protanopia
88, 23.471, 94.805

Deuteranopia
88, 20.359, 57.787

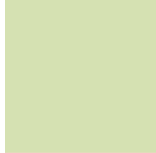


Tritanopia
88, 15.647, 235.835

Trichromacy



Original Color
88, 34.382, 145.659



Protanomaly
88, 24.758, 118.810

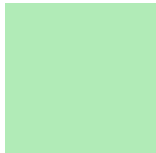


Deuteranomaly
87, 17.762, 102.517

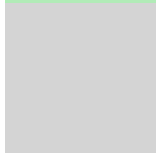


Tritanomaly
88, 16.418, 183.515

Monochromacy



Original Color
88, 34.382, 145.659



Achromatopsia
85, 0.010, 296.813



Achromatomaly
86, 12.613, 146.568

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 34.382, 145.659 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(177, 235, 183)` looks like.

```
.text, #text, p{  
    color:rgb(177, 235, 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(177, 235, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 235, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 34.382, 145.659 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(177, 235, 183) }
```

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

```
.border{ border-color:rgb(177, 235, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 235, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 235, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 235, 183); box-shadow:4px 4px 4px 4px rgb(177, 235, 183) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 34.382, 145.659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 235, 183) }
```

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

```
.background{ background-color: rgb(177,  
235, 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](#).

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