

Converting Colors

CIELCh(88, 35.422, 142.839)

Have a look what the booklet for
CIELCh(88, 35.422, 142.839)
contains.

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Color

CIELCh(88, 35.654, 142.853)

Conversions

Conversions Part 1

Format	Color
Hex	B3EBB3
RGB	179, 235, 179
RGB Percent	70%, 92%, 70%
CMY	0.2990, 0.0794, 0.2990
CMYK	0.24, 0.00, 0.24, 0.08
HSL	120°, 58%, 81%
HSV	120°, 24%, 92%
XYZ	56.2770, 72.0653, 53.4599
YIQ	211.8720, -15.4000, -29.2880

Conversions

Conversions Part 2

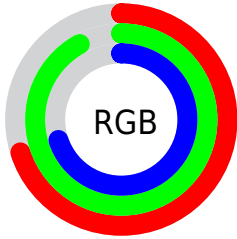
Format	Color
RYB	179, 235, 235
Decimal	11791283
CIELab	88.00, -28.42, 21.53
CIELCh	88, 35.654, 142.853
Yxy	72.0653, 0.3096, 0.3964
Android (android.graphics.Color)	4289981363 (0xFFB3EBB3)
YUV	211.8720, -16.2059, -28.8287
Hunter-Lab	84.8913, -30.2267, 22.0863

Details

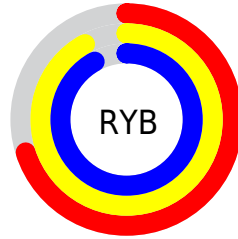
The CIELCh color **88, 35.654, 142.853** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **79, 35.671, 325.746**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 12.259, 142.693**, and **68, 35.694, 142.846** is the 20% darker color. If you saturate the color by 10%, you get **86, 50.454, 141.981**, and if you desaturate by 10%, it is **90, 20.657, 143.606**.

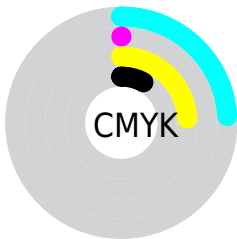
Distribution



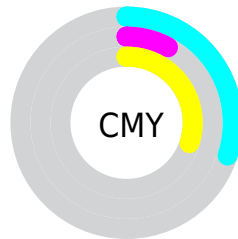
- Red (70%)
- Green (92%)
- Blue (70%)



- Red (70%)
- Yellow (92%)
- Blue (92%)



- Cyan (24%)
- Magenta (0%)
- Yellow (24%)
- Black (8%)





- Cyan (30%)
- Magenta (8%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 35.654, 142.853 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, 35.654, 142.853 by changing the saturation by 10% instead.


 88, 35.654,
142.853


 88, 35.654,
142.853


 100, 35.654,
142.853


 78, 35.654,
142.853

 68, 35.654,
142.853

 58, 35.654,
142.853

 48, 35.654,
142.853

 38, 35.654,
142.853


 28, 35.654,
142.853


 18, 35.654,


142.853


 8, 35.654, 142.853

 0, 35.654, 142.853

 88, 35.654,
142.853

 88, 35.654,
142.853


 86, 50.454,
141.981


 90, 20.657,
143.606


 85, 64.726,
140.986

 92, 5.703, 144.278

 84, 78.057,
139.888

 94, 9.032, 324.730

 83, 89.940,
138.742

 95, 12.643,
324.856

 82, 99.785,

137.651

■ 82, 106.989,
136.758

■ 82, 111.156,
136.203

■ 81, 112.506,
136.017

Harmonies

Complementary

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



88, 35.654, 142.853



79, 35.671, 325.746

Rectangle

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



88, 35.654, 142.853



88, 35.654, 192.853



88, 35.654, 322.853



88, 35.654, 12.853

Sweetspot

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



88, 35.656, 142.853



98, 11.112, 144.064



92, 28.651, 107.858



52, 7.224, 144.024



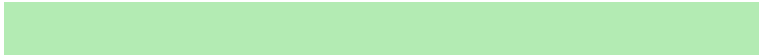
0, 0.000, 0.000



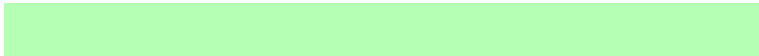
53, 0.007, 296.813

Same Dimension

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



88, 35.656, 142.853



94, 46.319, 142.408



89, 24.648, 161.505



48, 8.444, 143.904



64, 92.618, 136.017



18, 38.235, 138.278

Inverse Universe

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



79, 35.671, 325.746



83, 46.315, 326.030



79, 25.395, 345.798



46, 8.457, 324.945



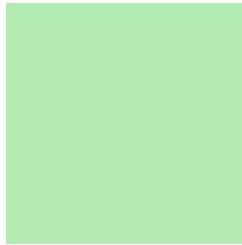
43, 89.357, 328.236



9, 38.265, 328.236

Previews

White Background



This preview shows how the CIELCh color 88, 35.654, 142.853 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, 35.654, 142.853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

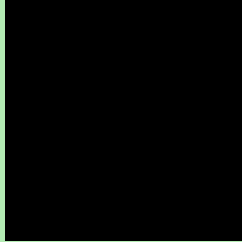
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 35.654, 142.853

Background



This preview shows how black text looks on a background with the CIELCh color 88, 35.654, 142.853.

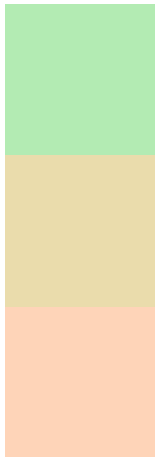


This preview shows how white text looks on a background with the CIELCh color 88, 35.654, 142.853.

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, 35.654, 142.853

Protanopia
88, 25.485, 95.638

Deuteranopia
88, 22.106, 61.083

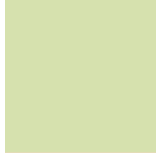


Tritanopia
88, 14.923, 238.040

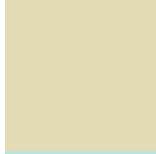
Trichromacy



Original Color
88, 35.654, 142.853



Protanomaly
88, 26.703, 117.083

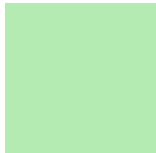


Deuteranomaly
87, 19.909, 100.739

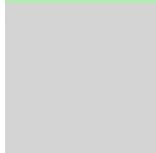


Tritanomaly
88, 15.676, 180.851

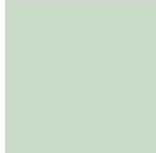
Monochromacy



Original Color
88, 35.654, 142.853



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, 35.654, 142.853 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(179, 235, 179)` looks like.

```
.text, #text, p{  
    color:rgb(179, 235, 179)  
}
```

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(179, 235, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 235, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 35.654, 142.853 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(179, 235, 179) }
```

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

```
.border{ border-color:rgb(179, 235, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 235, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 235, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 235, 179); box-shadow:4px 4px 4px 4px rgb(179, 235, 179) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 35.654, 142.853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 235, 179) }
```

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

```
.background{ background-color: rgb(179,  
235, 179) }
```

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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