

Converting Colors

CIELCh(88, 40.598, 142.584)

Have a look what the booklet for
CIELCh(88, 40.598, 142.584)
contains.

CIELCh(88, 40.068, 142.615)	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, 40.068, 142.615)

Conversions

Conversions Part 1

Format	Color
Hex	ADECAD
RGB	173, 236, 173
RGB Percent	68%, 93%, 68%
CMY	0.3207, 0.0736, 0.3207
CMYK	0.27, 0.00, 0.27, 0.07
HSL	120°, 63%, 80%
HSV	120°, 27%, 93%
XYZ	54.9139, 72.0653, 50.6660
YIQ	209.9810, -17.3250, -32.9490

Conversions

Conversions Part 2

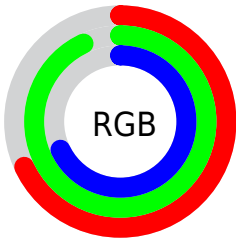
Format	Color
RYB	173, 236, 236
Decimal	11398317
CIELab	88.00, -31.84, 24.33
CIELCh	88, 40.068, 142.615
Yxy	72.0653, 0.3091, 0.4057
Android (android.graphics.Color)	4289588397 (0xFFADECAD)
YUV	209.9810, -18.2316, -32.4323
Hunter-Lab	84.8913, -33.0928, 24.0376

Details

The CIELCh color **88, 40.068, 142.615** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **78, 40.077, 325.895**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 16.023, 142.852**, and **68, 40.272, 142.455** is the 20% darker color. If you saturate the color by 10%, you get **86, 54.832, 141.708**, and if you desaturate by 10%, it is **90, 25.021, 143.401**.

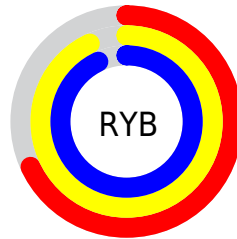
Distribution



Red (68%)

Green (93%)

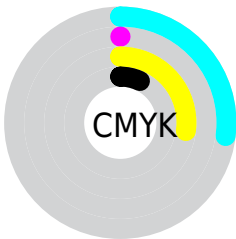
Blue (68%)



Red (68%)

Yellow (93%)

Blue (93%)

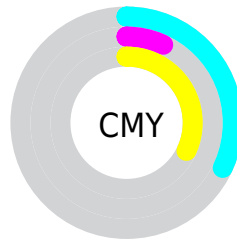


Cyan (27%)

Magenta (0%)

Yellow (27%)

Black (7%)



Cyan (32%)


Magenta (7%)


Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 40.068, 142.615 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, 40.068, 142.615 by changing the saturation by 10% instead.


 88, 40.068,
142.615


 88, 40.068,
142.615


 100, 40.068,
142.615


 78, 40.068,
142.615

 68, 40.068,
142.615

 58, 40.068,
142.615

 48, 40.068,
142.615

 38, 40.068,
142.615


 28, 40.068,
142.615


 18, 40.068,


142.615


 8, 40.068, 142.615


 0, 40.068, 142.615

 88, 40.068,
142.615


 88, 40.068,
142.615

 86, 54.832,
141.708


 90, 25.021,
143.401


 85, 68.957,
140.680


 92, 9.956, 144.084

 84, 82.001,
139.561

 94, 4.933, 324.557

 95, 11.702,
324.822

 83, 93.427,
138.418

 82, 102.625,

137.367

■ 82, 109.019,
136.560

■ 82, 112.346,
136.113

■ 82, 113.050,
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, 40.068, 142.615



78, 40.077, 325.895

Rectangle

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



88, 40.068, 142.615



88, 40.068, 192.615



88, 40.068, 322.615



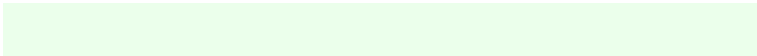
88, 40.068, 12.615

Sweetspot

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



88, 40.070, 142.615



98, 12.711, 143.995



92, 31.650, 106.876



52, 9.043, 143.895



0, 0.000, 0.000



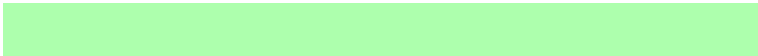
53, 0.007, 296.813

Same Dimension

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



88, 40.070, 142.615



93, 51.052, 142.135



89, 28.018, 160.347



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.



78, 40.077, 325.895



81, 51.026, 326.184



77, 28.888, 345.165



46, 8.457, 324.941



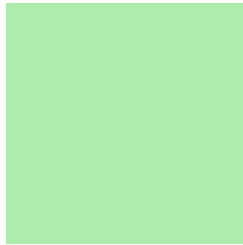
43, 89.364, 328.230



9, 38.267, 328.231

Previews

White Background



This preview shows how the CIELCh color 88, 40.068, 142.615 looks on a white background.

Color Contrast Check

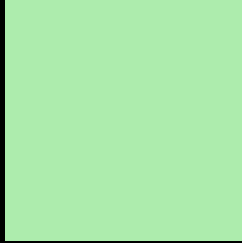
Large Text (above 18pt) WCAG AA × Fail

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, 40.068, 142.615 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, 40.068, 142.615

Background



This preview shows how black text looks on a background with the CIELCh color 88, 40.068, 142.615.

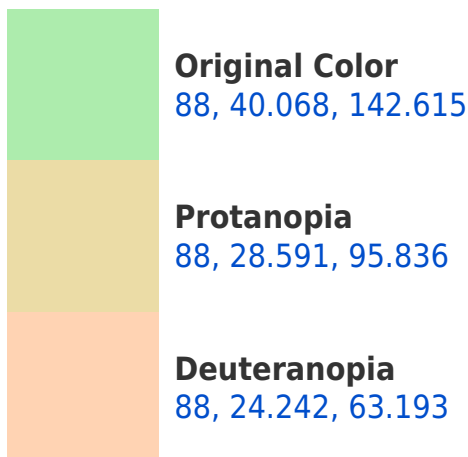


This preview shows how white text looks on a background with the CIELCh color 88, 40.068, 142.615.

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



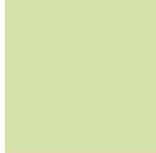


Tritanopia
88, 16.143, 234.492

Trichromacy



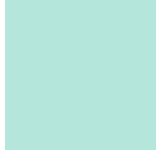
Original Color
88, 40.068, 142.615



Protanomaly
88, 29.832, 117.421



Deuteranomaly
87, 22.392, 103.332

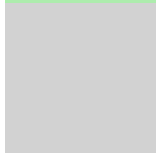


Tritanomaly
88, 17.919, 179.434

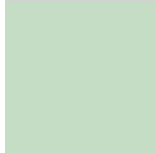
Monochromacy



Original Color
88, 40.068, 142.615



Achromatopsia
84, 0.010, 296.813



Achromatomaly
86, 14.761, 143.839

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 40.068, 142.615 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(173, 236, 173)` looks like.

```
.text, #text, p{  
    color:rgb(173, 236, 173)  
}
```

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(173, 236, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 236, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 40.068, 142.615 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(173, 236, 173) }
```

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

```
.border{ border-color:rgb(173, 236, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 236, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 236, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 236, 173); box-shadow:4px 4px 4px 4px rgb(173, 236, 173) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 40.068, 142.615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 236, 173) }
```

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

```
.background{ background-color: rgb(173,  
236, 173) }
```

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