

Converting Colors

CIELCh(88, 39.953, 138.656)

Have a look what the booklet for
CIELCh(88, 39.953, 138.656)
contains.

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Color

CIELCh(88, 40.008, 138.674)

Conversions

Conversions Part 1

Format	Color
Hex	B3EBA9
RGB	179, 235, 169
RGB Percent	70%, 92%, 66%
CMY	0.2970, 0.0773, 0.3362
CMYK	0.24, 0.00, 0.28, 0.08
HSL	111°, 63%, 79%
HSV	111°, 28%, 92%
XYZ	55.6260, 72.0653, 48.6428
YIQ	210.7320, -12.1900, -32.3980

Conversions

Conversions Part 2

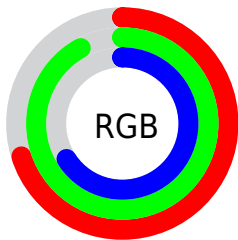
Format	Color
RYB	169, 235, 225
Decimal	11791273
CIELab	88.00, -30.04, 26.42
CIELCh	88, 40.008, 138.674
Yxy	72.0653, 0.3155, 0.4087
Android (android.graphics.Color)	4289981353 (0xFFB3EBA9)
YUV	210.7320, -20.5739, -27.8290
Hunter-Lab	84.8913, -31.5955, 25.4506

Details

The CIELCh color **88, 40.008, 138.674** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **76, 40.383, 321.534**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 16.751, 133.090**, and **68, 40.216, 138.450** is the 20% darker color. If you saturate the color by 10%, you get **87, 54.054, 137.971**, and if you desaturate by 10%, it is **90, 25.730, 139.308**.

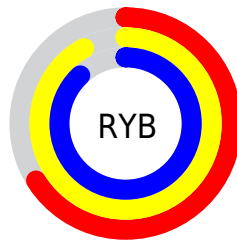
Distribution



Red (70%)

Green (92%)

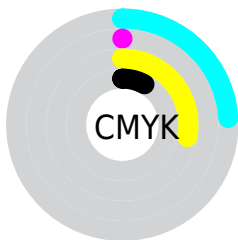
Blue (66%)



Red (66%)

Yellow (92%)

Blue (88%)

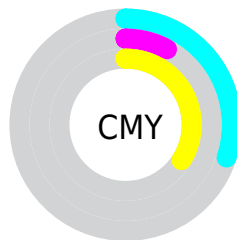


Cyan (24%)

Magenta (0%)

Yellow (28%)

Black (8%)



Cyan (30%)

Magenta (8%)

Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 40.008, 138.674 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, 40.008, 138.674 by changing the saturation by 10% instead.

 88, 40.008,
138.674


 88, 40.008,
138.674


 100, 40.008,
138.674


 78, 40.008,
138.674

 68, 40.008,
138.674

 58, 40.008,
138.674

 48, 40.008,
138.674

 38, 40.008,
138.674


 28, 40.008,
138.674

 18, 40.008,


138.674


 8, 40.008, 138.674


 0, 40.008, 138.674


 88, 40.008,
138.674

 88, 40.008,
138.674

 87, 54.054,
137.971


 90, 25.730,
139.308


 85, 67.576,
137.214


 92, 11.428,
139.871

 84, 80.193,
136.448

 94, 2.745, 320.235

 83, 91.408,
135.752

 95, 12.305,
324.844

 83, 100.622,

135.244

■ 82, 107.239,
135.057

■ 82, 111.023,
135.241

■ 82, 111.564,
135.272

Harmonies

Complementary

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



88, 40.008, 138.674



76, 40.383, 321.534

Rectangle

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



88, 40.008, 138.674



88, 40.008, 188.674



88, 40.008, 318.674



88, 40.008, 8.674

Sweetspot

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



88, 40.010, 138.675



98, 12.108, 139.873



89, 28.709, 99.142



52, 8.614, 139.791



0, 0.000, 0.000



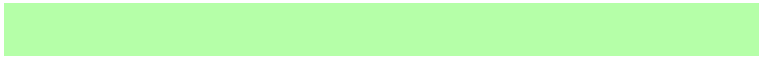
53, 0.007, 296.813

Same Dimension

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



88, 40.010, 138.675



94, 51.658, 138.254



88, 32.991, 153.358



48, 8.044, 139.795



64, 91.532, 135.147



19, 36.959, 135.780

Inverse Universe

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



76, 40.383, 321.534



79, 52.214, 321.806



77, 33.427, 337.779



46, 8.080, 320.658



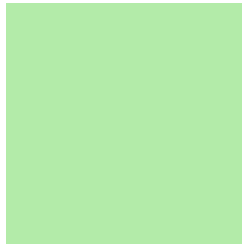
38, 90.472, 322.447



7, 38.593, 323.242

Previews

White Background



This preview shows how the CIELCh color 88, 40.008, 138.674 looks on a white background.

Color Contrast Check

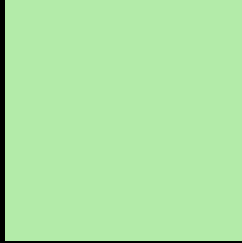
Large Text (above 18pt) WCAG AA × Fail

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, 40.008, 138.674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

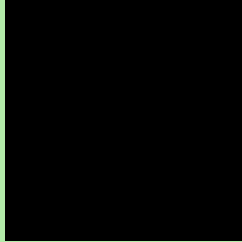
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

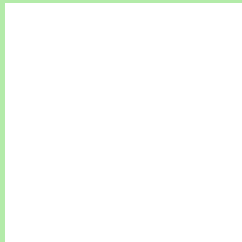
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 40.008, 138.674

Background



This preview shows how black text looks on a background with the CIELCh color 88, 40.008, 138.674.

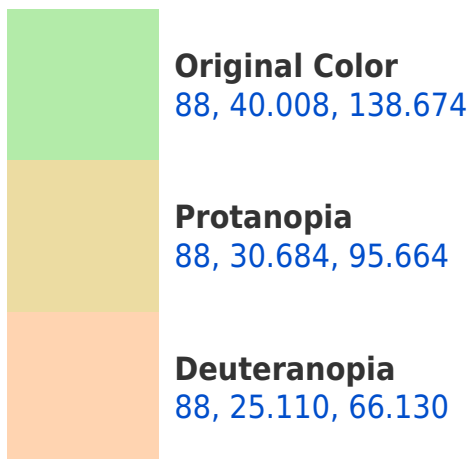


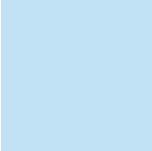
This preview shows how white text looks on a background with the CIELCh color 88, 40.008, 138.674.

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



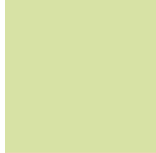


Tritanopia
88, 14.442, 239.634

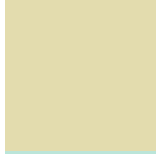
Trichromacy



Original Color
88, 40.008, 138.674



Protanomaly
88, 31.709, 115.314



Deuteranomaly
87, 24.006, 101.642

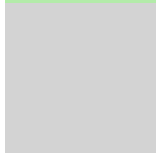


Tritanomaly
88, 16.016, 175.244

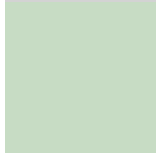
Monochromacy



Original Color
88, 40.008, 138.674



Achromatopsia
85, 0.010, 296.813



Achromatomaly
86, 14.797, 140.468

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 40.008, 138.674 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, 169)` looks like.

```
.text, #text, p{  
    color:rgb(179, 235, 169)  
}
```

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, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 235, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 40.008, 138.674 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, 169) }
```

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

```
.border{ border-color:rgb(179, 235, 169) }
```

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, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 235, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 235, 169);  
box-shadow:4px 4px 4px 4px rgb(179, 235,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 40.008, 138.674 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, 169) }
```

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

```
.background{ background-color: rgb(179,  
235, 169) }
```

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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