

Converting Colors

CIELCh(88, 30.975, 139.118)

Have a look what the booklet for
CIELCh(88, 30.975, 139.118)
contains.

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Color

CIELCh(88, 30.939, 138.923)

Conversions

Conversions Part 1

Format	Color
Hex	BDE8B5
RGB	189, 232, 181
RGB Percent	74%, 91%, 71%
CMY	0.2578, 0.0891, 0.2892
CMYK	0.19, 0.00, 0.22, 0.09
HSL	111°, 53%, 81%
HSV	111°, 22%, 91%
XYZ	58.3515, 72.0653, 54.6899
YIQ	213.3290, -9.2570, -24.9770

Conversions

Conversions Part 2

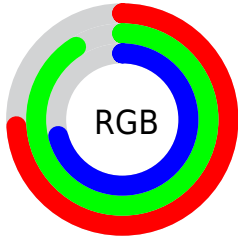
Format	Color
RYB	181, 232, 224
Decimal	12445877
CIELab	88.00, -23.32, 20.33
CIELCh	88, 30.939, 138.923
Yxy	72.0653, 0.3152, 0.3893
Android (android.graphics.Color)	4290635957 (0xFFBDE8B5)
YUV	213.3290, -15.9382, -21.3365
Hunter-Lab	84.8913, -25.8647, 21.2272

Details

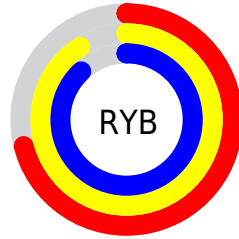
The CIELCh color **88, 30.939, 138.923** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **79, 31.187, 321.093**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 9.704, 128.771**, and **68, 30.774, 138.916** is the 20% darker color. If you saturate the color by 10%, you get **86, 44.987, 138.268**, and if you desaturate by 10%, it is **90, 16.799, 139.508**.

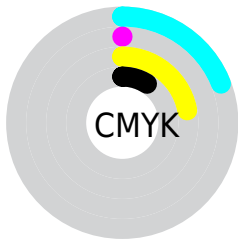
Distribution



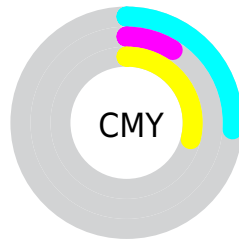
- Red (74%)
- Green (91%)
- Blue (71%)



- Red (71%)
- Yellow (91%)
- Blue (88%)



- Cyan (19%)
- Magenta (0%)
- Yellow (22%)
- Black (9%)





- Cyan (26%)
- Magenta (9%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 30.939, 138.923 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, 30.939, 138.923 by changing the saturation by 10% instead.


 88, 30.939,
138.923

 88, 30.939,
138.923


 100, 30.939,
138.923


 78, 30.939,
138.923

 68, 30.939,
138.923

 58, 30.939,
138.923

 48, 30.939,
138.923

 38, 30.939,
138.923


 28, 30.939,
138.923


 18, 30.939,

138.923


 8, 30.939, 138.923


 0, 30.939, 138.923

 88, 30.939,
138.923


 88, 30.939,
138.923


 86, 44.987,
138.268


 90, 16.799,
139.508


 85, 58.704,
137.548

 92, 2.732, 140.085

 84, 71.774,
136.791

 94, 11.139,
320.405

 83, 83.781,
136.052

 94, 14.191,
324.913

 82, 94.191,

135.428

■ 82, 102.392,
135.047

■ 81, 107.867,
135.028

■ 81, 110.411,
135.221

Harmonies

Complementary

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



88, 30.939, 138.923



79, 31.187, 321.093

Rectangle

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



88, 30.939, 138.923



88, 30.939, 188.923



88, 30.939, 318.923



88, 30.939, 8.923

Sweetspot

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



88, 30.941, 138.924



98, 10.570, 139.775



89, 22.230, 99.853



52, 6.871, 139.742



0, 0.000, 0.000



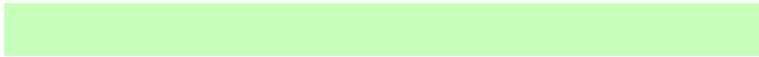
53, 0.007, 296.813

Same Dimension

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



88, 30.941, 138.924



95, 39.514, 138.659



88, 25.586, 153.943



48, 8.030, 139.644



64, 91.472, 135.098



19, 36.917, 135.693

Inverse Universe

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



79, 31.187, 321.093



83, 39.877, 321.285



79, 25.867, 337.276



46, 8.067, 320.502



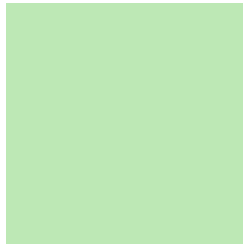
38, 90.531, 322.255



7, 38.600, 323.070

Previews

White Background



This preview shows how the CIELCh color 88, 30.939, 138.923 looks on a white background.

Color Contrast Check

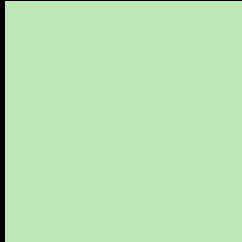
Large Text (above 18pt) WCAG AA × Fail

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, 30.939, 138.923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

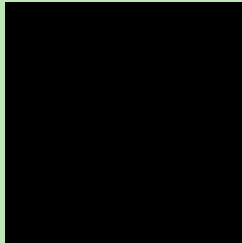
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

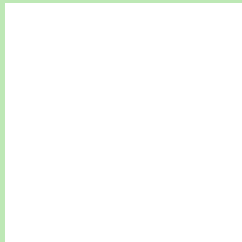
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 30.939, 138.923

Background



This preview shows how black text looks on a background with the CIELCh color 88, 30.939, 138.923.

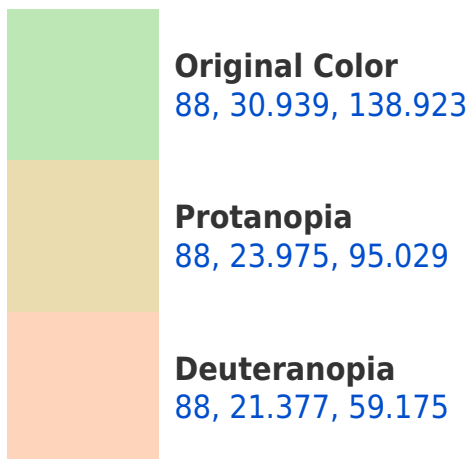


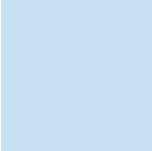
This preview shows how white text looks on a background with the CIELCh color 88, 30.939, 138.923.

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



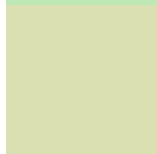


Tritanopia
88, 12.424, 248.426

Trichromacy



Original Color
88, 30.939, 138.923



Protanomaly
88, 24.426, 113.555



Deuteranomaly
87, 18.674, 95.553

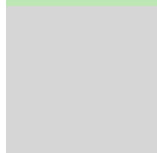


Tritanomaly
88, 11.830, 180.588

Monochromacy



Original Color
88, 30.939, 138.923



Achromatopsia
86, 0.010, 296.813



Achromatomaly
86, 11.568, 139.662

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 30.939, 138.923 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(189, 232, 181)` looks like.

```
.text, #text, p{  
    color:rgb(189, 232, 181)  
}
```

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(189, 232, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 232, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 30.939, 138.923 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(189, 232, 181) }
```

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

```
.border{ border-color:rgb(189, 232, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 232, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 232, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 232, 181);  
box-shadow:4px 4px 4px 4px rgb(189, 232,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 30.939, 138.923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 232, 181) }
```

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

```
.background{ background-color: rgb(189,  
232, 181) }
```

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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