

Converting Colors

CIELCh(88, 44.764, 130.023)

Have a look what the booklet for
CIELCh(88, 44.764, 130.023)
contains.

CIELCh(88, 44.619, 130.063)	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, 44.619, 130.063)

Conversions

Conversions Part 1

Format	Color
Hex	BCEA9A
RGB	188, 234, 154
RGB Percent	74%, 92%, 60%
CMY	0.2617, 0.0813, 0.3951
CMYK	0.20, 0.00, 0.34, 0.08
HSL	94°, 66%, 76%
HSV	94°, 34%, 92%
XYZ	56.1570, 72.0653, 41.6320
YIQ	211.1260, -1.7360, -34.6320

Conversions

Conversions Part 2

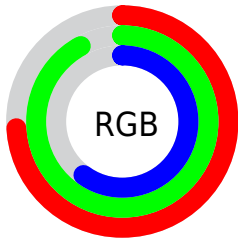
Format	Color
RYB	154, 234, 200
Decimal	12380826
CIELab	88.00, -28.72, 34.15
CIElCh	88, 44.619, 130.063
Yxy	72.0653, 0.3306, 0.4243
Android (android.graphics.Color)	4290570906 (0xFFBCEA9A)
YUV	211.1260, -28.1631, -20.2815
Hunter-Lab	84.8913, -30.4790, 30.3472

Details

The CIELCh color **88, 44.619, 130.063** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **71, 46.436, 313.203**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 23.566, 117.458**, and **68, 44.602, 130.252** is the 20% darker color. If you saturate the color by 10%, you get **87, 57.273, 129.580**, and if you desaturate by 10%, it is **89, 31.648, 130.558**.

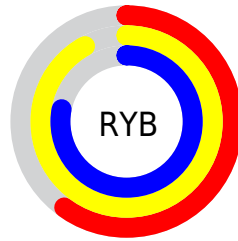
Distribution



Red (74%)

Green (92%)

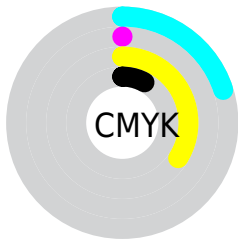
Blue (60%)



Red (60%)

Yellow (92%)

Blue (78%)

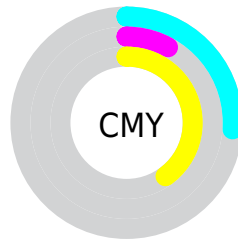


Cyan (20%)

Magenta (0%)

Yellow (34%)

Black (8%)



Cyan (26%)

Magenta (8%)

Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 44.619, 130.063 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, 44.619, 130.063 by changing the saturation by 10% instead.


 88, 44.619,
130.063

 88, 44.619,
130.063

 100, 44.619,
130.063

 78, 44.619,
130.063

 68, 44.619,
130.063

 58, 44.619,
130.063

 48, 44.619,
130.063

 38, 44.619,
130.063


 28, 44.619,
130.063

 18, 44.619,


130.063


 8, 44.619, 130.063


 0, 44.619, 130.063


 88, 44.619,
130.063


 88, 44.619,
130.063

 87, 57.273,
129.580


 89, 31.648,
130.558

 86, 69.341,
129.154

 91, 18.539,
131.037


 85, 80.452,
128.859

 92, 5.422, 131.501

 84, 90.106,
128.805

 94, 7.613, 311.855

 84, 97.734,

 95, 12.937,
324.867

129.125

■ 83, 102.905,
129.923

■ 83, 104.991,
130.543

Harmonies

Complementary

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



88, 44.619, 130.063



71, 46.436, 313.203

Rectangle

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



88, 44.619, 130.063



88, 44.619, 180.063



88, 44.619, 310.063



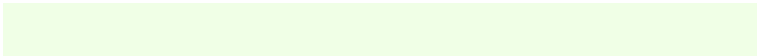
88, 44.619, 0.063

Sweetspot

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



88, 44.621, 130.064



98, 14.013, 131.227



82, 27.888, 77.780



52, 9.564, 131.162



0, 0.000, 0.000



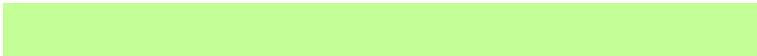
53, 0.007, 296.813

Same Dimension

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



88, 44.621, 130.064



94, 57.113, 129.721



86, 48.571, 143.741



48, 7.438, 131.254



65, 86.321, 130.285



19, 34.498, 129.685

Inverse Universe

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



71, 46.436, 313.203



72, 59.966, 313.540



74, 48.553, 328.227



46, 7.525, 312.035



30, 94.938, 313.753



5, 38.040, 314.144

Previews

White Background



This preview shows how the CIELCh color 88, 44.619, 130.063 looks on a white background.

Color Contrast Check

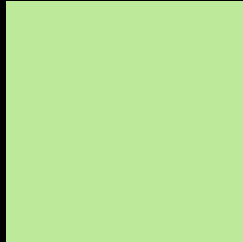
Large Text (above 18pt) WCAG AA × Fail

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, 44.619, 130.063 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, 44.619, 130.063

Background



This preview shows how black text looks on a background with the CIELCh color 88, 44.619, 130.063.

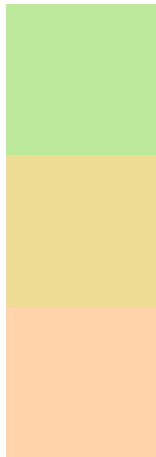


This preview shows how white text looks on a background with the CIELCh color 88, 44.619, 130.063.

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, 44.619, 130.063

Protanopia
88, 37.826, 95.914

Deuteranopia
88, 27.593, 70.040



Tritanopia
88, 11.819, 252.052

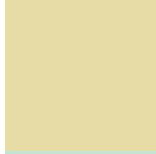
Trichromacy



Original Color
88, 44.619, 130.063



Protanomaly
88, 38.495, 109.915



Deuteranomaly
87, 28.800, 99.085

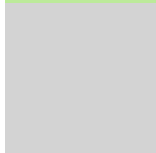


Tritanomaly
88, 14.625, 158.480

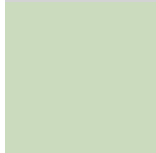
Monochromacy



Original Color
88, 44.619, 130.063



Achromatopsia
85, 0.010, 296.813



Achromatomaly
86, 16.317, 130.288

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 44.619, 130.063 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(188, 234, 154)` looks like.

```
.text, #text, p{  
    color:rgb(188, 234, 154)  
}
```

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(188, 234, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 234, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 44.619, 130.063 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(188, 234, 154) }
```

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

```
.border{ border-color:rgb(188, 234, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 234, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 234, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 234, 154);  
box-shadow:4px 4px 4px 4px rgb(188, 234,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 44.619, 130.063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 234, 154) }
```

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

```
.background{ background-color: rgb(188,  
234, 154) }
```

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