

Converting Colors

CIELCh(88, 45.505, 122.066)

Have a look what the booklet for
CIELCh(88, 45.505, 122.066)
contains.

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Color

CIELCh(88, 45.473, 122.074)

Conversions

Conversions Part 1

Format	Color
Hex	C9E892
RGB	201, 232, 146
RGB Percent	79%, 91%, 57%
CMY	0.2125, 0.0909, 0.4281
CMYK	0.13, 0.00, 0.37, 0.09
HSL	82°, 65%, 74%
HSV	82°, 37%, 91%
XYZ	58.0126, 72.0653, 37.9731
YIQ	212.9270, 9.1300, -33.3180

Conversions

Conversions Part 2

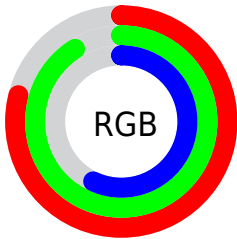
Format	Color
RYB	146, 232, 177
Decimal	13232274
CIELab	88.00, -24.15, 38.53
CIELCh	88, 45.473, 122.074
Yxy	72.0653, 0.3452, 0.4288
Android (android.graphics.Color)	4291422354 (0xFFC9E892)
YUV	212.9270, -32.9950, -10.4600
Hunter-Lab	84.8913, -26.5772, 32.9026

Details

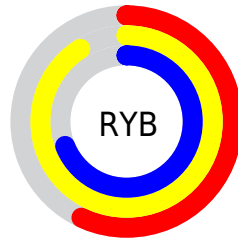
The CIELCh color **88, 45.473, 122.074** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **66, 48.808, 306.407**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 27.235, 108.110**, and **68, 45.306, 121.861** is the 20% darker color. If you saturate the color by 10%, you get **87, 57.124, 121.589**, and if you desaturate by 10%, it is **89, 33.420, 122.610**.

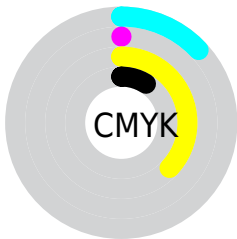
Distribution



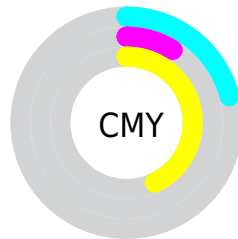
- Red (79%)
- Green (91%)
- Blue (57%)



- Red (57%)
- Yellow (91%)
- Blue (69%)



- Cyan (13%)
- Magenta (0%)
- Yellow (37%)
- Black (9%)





- Cyan (21%)
- Magenta (9%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 45.473, 122.074 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, 45.473, 122.074 by changing the saturation by 10% instead.


 88, 45.473,
122.074


 88, 45.473,
122.074


 100, 45.473,
122.074


 78, 45.473,
122.074

 68, 45.473,
122.074

 58, 45.473,
122.074

 48, 45.473,
122.074

 38, 45.473,
122.074


 28, 45.473,
122.074

 18, 45.473,

122.074


 8, 45.473, 122.074


 0, 45.473, 122.074


 88, 45.473,
122.074


 88, 45.473,
122.074

 87, 57.124,
121.589


 89, 33.420,
122.610

 86, 68.095,
121.204

 90, 21.145,
123.157


 86, 77.993,
121.001

 91, 8.775, 123.698

 85, 86.302,
121.088

 92, 3.605, 304.180

 85, 92.479,

 93, 12.590,
308.258

121.587

94, 13.743,
319.966

84, 96.255,
122.574

94, 14.482,
324.923

84, 97.105,
122.902

Harmonies

Complementary

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



88, 45.473, 122.074



66, 48.808, 306.407

Rectangle

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



88, 45.473, 122.074



88, 45.473, 172.074



88, 45.473, 302.074



88, 45.473, 352.074

Sweetspot

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



88, 45.475, 122.076



99, 14.705, 123.485



76, 28.535, 54.793



52, 9.881, 123.411



0, 0.000, 0.000



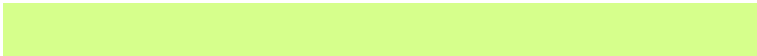
53, 0.007, 296.813

Same Dimension

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



88, 45.475, 122.076



95, 59.112, 121.674



86, 52.112, 138.084



48, 6.970, 123.571



66, 79.698, 122.634



19, 30.985, 122.115

Inverse Universe

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



66, 48.808, 306.407



66, 64.643, 307.032



70, 52.693, 321.979



44, 7.093, 304.560



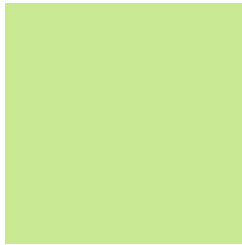
25, 98.244, 309.226



3, 34.789, 306.173

Previews

White Background



This preview shows how the CIELCh color 88, 45.473, 122.074 looks on a white background.

Color Contrast Check

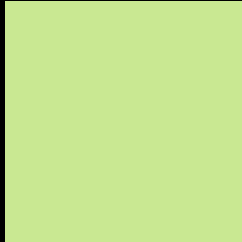
Large Text (above 18pt) WCAG AA × Fail

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, 45.473, 122.074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

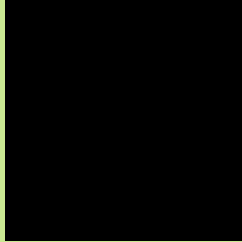
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 45.473, 122.074

Background



This preview shows how black text looks on a background with the CIELCh color 88, 45.473, 122.074.



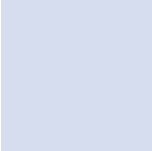
This preview shows how white text looks on a background with the CIELCh color 88, 45.473, 122.074.

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](#).

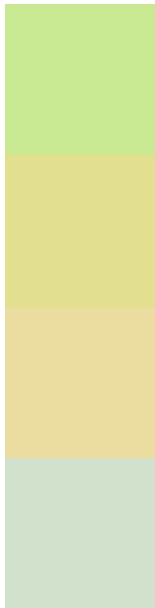
Dichromacy





Tritanopia
88, 9.242, 273.587

Trichromacy



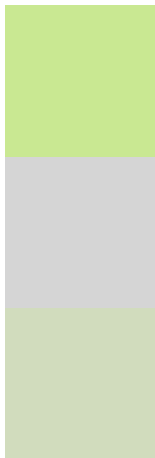
Original Color
88, 45.473, 122.074

Protanomaly
88, 41.446, 105.570

Deuteranomaly
88, 31.603, 96.642

Tritanomaly
88, 12.441, 137.259

Monochromacy



Original Color
88, 45.473, 122.074

Achromatopsia
85, 0.010, 296.813

Achromatomaly
86, 16.693, 123.106

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 45.473, 122.074 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(201, 232, 146)` looks like.

```
.text, #text, p{  
    color:rgb(201, 232, 146)  
}
```

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(201, 232, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 232, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 45.473, 122.074 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(201, 232, 146) }
```

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

```
.border{ border-color:rgb(201, 232, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 232, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 232, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 232, 146);  
box-shadow:4px 4px 4px 4px rgb(201, 232,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 45.473, 122.074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 232, 146) }
```

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

```
.background{ background-color: rgb(201,  
232, 146) }
```

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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