

Converting Colors

CIELCh(88, 47.435, 117.068)

Have a look what the booklet for
CIELCh(88, 47.435, 117.068)
contains.

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Color

CIELCh(88, 47.052, 117.077)

Conversions

Conversions Part 1

Format	Color
Hex	D0E68B
RGB	208, 230, 139
RGB Percent	82%, 90%, 55%
CMY	0.1832, 0.0970, 0.4539
CMYK	0.10, 0.00, 0.40, 0.10
HSL	75°, 65%, 72%
HSV	75°, 40%, 90%
XYZ	59.1398, 72.0653, 35.3164
YIQ	213.0480, 16.0990, -32.9650

Conversions

Conversions Part 2

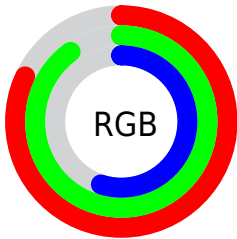
Format	Color
RYB	139, 230, 161
Decimal	13690507
CIELab	88.00, -21.42, 41.89
CIELCh	88, 47.052, 117.077
Yxy	72.0653, 0.3551, 0.4328
Android (android.graphics.Color)	4291880587 (0xFFD0E68B)
YUV	213.0480, -36.5057, -4.4271
Hunter-Lab	84.8913, -24.2071, 34.7581

Details

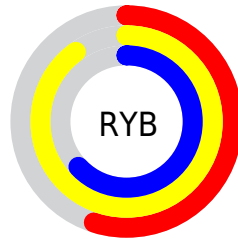
The CIELCh color **88, 47.052, 117.077** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **63, 51.470, 302.830**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 30.724, 107.841**, and **68, 46.892, 117.019** is the 20% darker color. If you saturate the color by 10%, you get **87, 58.186, 116.516**, and if you desaturate by 10%, it is **89, 35.441, 117.703**.

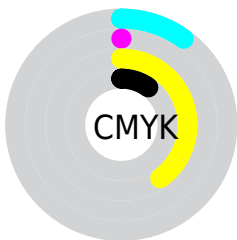
Distribution



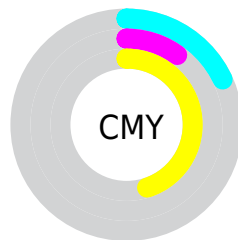
- Red (82%)
- Green (90%)
- Blue (55%)



- Red (55%)
- Yellow (90%)
- Blue (63%)



- Cyan (10%)
- Magenta (0%)
- Yellow (40%)
- Black (10%)



- Cyan (18%)
- Magenta (10%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 47.052, 117.077 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, 47.052, 117.077 by changing the saturation by 10% instead.


 88, 47.052,
117.077


 88, 47.052,
117.077


 100, 47.052,
117.077


 78, 47.052,
117.077

 68, 47.052,
117.077

 58, 47.052,
117.077

 48, 47.052,
117.077

 38, 47.052,
117.077

 28, 47.052,
117.077

 18, 47.052,

117.077

■ 8, 47.052, 117.077

■ 0, 47.052, 117.077

■ 88, 47.052,
117.077

■ 88, 47.052,
117.077

■ 87, 58.186,
116.516

■ 89, 35.441,
117.703

■ 87, 68.536,
116.066

■ 90, 23.548,
118.350

■ 86, 77.675,
115.808

■ 90, 11.510,
118.997

■ 86, 85.060,
115.838

■ 91, 0.584, 299.573

■ 85, 90.176,

■ 92, 12.672,
300.225

116.257

93, 13.425,
308.143

85, 93.023,
117.081

93, 14.119,
315.688

85, 93.139,
117.123

94, 15.033,
322.495

94, 15.446,
324.958

Harmonies

Complementary

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



88, 47.052, 117.077



63, 51.470, 302.830

Rectangle

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



88, 47.052, 117.077



88, 47.052, 167.077



88, 47.052, 297.077



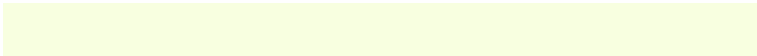
88, 47.052, 347.077

Sweetspot

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



88, 47.054, 117.079



99, 15.746, 118.834



72, 31.712, 42.630



53, 10.442, 118.749



0, 0.000, 0.000



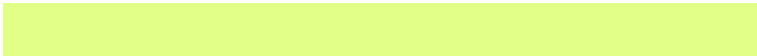
53, 0.007, 296.813

Same Dimension

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



88, 47.054, 117.079



96, 60.190, 116.635



85, 53.189, 134.737



48, 6.843, 119.002



67, 76.897, 116.913



19, 30.081, 116.604

Inverse Universe

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



63, 51.470, 302.830



64, 67.314, 303.650



68, 54.542, 318.474



44, 6.982, 300.219



23, 100.256, 307.668



3, 34.245, 302.572

Previews

White Background



This preview shows how the CIELCh color 88, 47.052, 117.077 looks on a white background.

Color Contrast Check

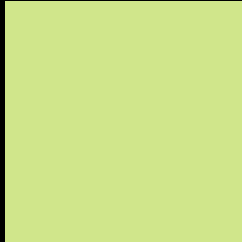
Large Text (above 18pt) WCAG AA × Fail

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, 47.052, 117.077 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, 47.052, 117.077

Background



This preview shows how black text looks on a background with the CIELCh color 88, 47.052, 117.077.



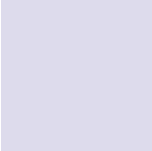
This preview shows how white text looks on a background with the CIELCh color 88, 47.052, 117.077.

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](#).

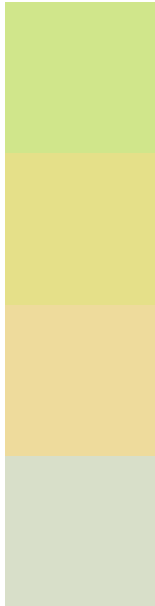
Dichromacy





Tritanopia
88, 8.926, 295.392

Trichromacy



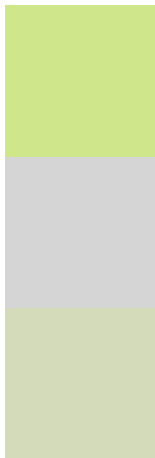
Original Color
88, 47.052, 117.077

Protanomaly
88, 44.436, 103.813

Deuteranomaly
88, 33.482, 94.240

Tritanomaly
88, 11.743, 121.942

Monochromacy



Original Color
88, 47.052, 117.077

Achromatopsia
85, 0.010, 296.813

Achromatomaly
86, 17.469, 118.669

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 47.052, 117.077 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(208, 230, 139)` looks like.

```
.text, #text, p{  
    color:rgb(208, 230, 139)  
}
```

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(208, 230, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 230, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 47.052, 117.077 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(208, 230, 139) }
```

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

```
.border{ border-color:rgb(208, 230, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 230, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 230, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 230, 139);  
box-shadow:4px 4px 4px 4px rgb(208, 230,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 47.052, 117.077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 230, 139) }
```

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

```
.background{ background-color: rgb(208,  
230, 139) }
```

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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