

Converting Colors

CIELCh(88, 48.180, 125.626)

Have a look what the booklet for
CIELCh(88, 48.180, 125.626)
contains.

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Color

CIELCh(88, 48.506, 125.640)

Conversions

Conversions Part 1

Format	Color
Hex	C1EA90
RGB	193, 234, 144
RGB Percent	76%, 92%, 56%
CMY	0.2438, 0.0830, 0.4359
CMYK	0.18, 0.00, 0.38, 0.08
HSL	87°, 68%, 74%
HSV	87°, 38%, 92%
XYZ	56.3395, 72.0653, 37.2587
YIQ	211.4810, 4.4540, -36.6820

Conversions

Conversions Part 2

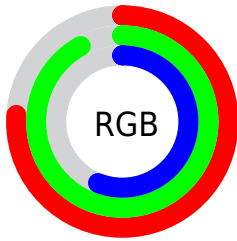
Format	Color
RYB	144, 234, 185
Decimal	12708496
CIELab	88.00, -28.26, 39.42
CIElCh	88, 48.506, 125.640
Yxy	72.0653, 0.3401, 0.4350
Android (android.graphics.Color)	4290898576 (0xFFC1EA90)
YUV	211.4810, -33.2681, -16.2078
Hunter-Lab	84.8913, -30.0952, 33.4015

Details

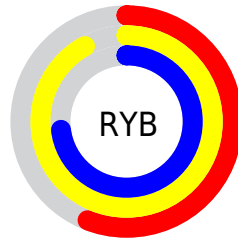
The CIELCh color **88, 48.506, 125.640** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **67, 51.591, 309.573**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 28.285, 111.087**, and **68, 48.463, 125.588** is the 20% darker color. If you saturate the color by 10%, you get **87, 60.481, 125.196**, and if you desaturate by 10%, it is **89, 36.108, 126.133**.

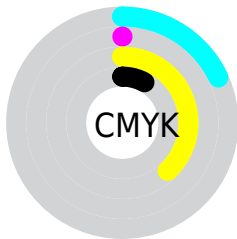
Distribution



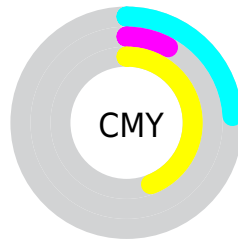
- Red (76%)
- Green (92%)
- Blue (56%)



- Red (56%)
- Yellow (92%)
- Blue (73%)



- Cyan (18%)
- Magenta (0%)
- Yellow (38%)
- Black (8%)



- Cyan (24%)
- Magenta (8%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 48.506, 125.640 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, 48.506, 125.640 by changing the saturation by 10% instead.

 88, 48.506,
125.640

 88, 48.506,
125.640

 100, 48.506,
125.640


 78, 48.506,
125.640

 68, 48.506,
125.640

 58, 48.506,
125.640

 48, 48.506,
125.640

 38, 48.506,
125.640

 28, 48.506,
125.640

 18, 48.506,


125.640


 8, 48.506, 125.640


 0, 48.506, 125.640


 88, 48.506,
125.640


 88, 48.506,
125.640


 87, 60.481,
125.196


 89, 36.108,
126.133

 86, 71.733,
124.857

 90, 23.484,
126.633


 85, 81.849,
124.711

 91, 10.773,
127.123

 85, 90.294,
124.877

 93, 1.930, 307.510

 84, 96.535,

 94, 11.765,
312.127

125.484

95, 13.219,
324.877

84, 100.424,
126.573

84, 100.920,
126.748

Harmonies

Complementary

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



88, 48.506, 125.640



67, 51.591, 309.573

Rectangle

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



88, 48.506, 125.640



88, 48.506, 175.640



88, 48.506, 305.640



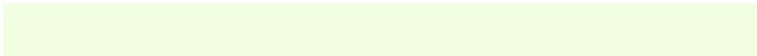
88, 48.506, 355.640

Sweetspot

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



88, 48.508, 125.642



98, 16.353, 126.950



78, 30.118, 65.390



52, 10.848, 126.885



0, 0.000, 0.000



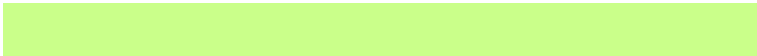
53, 0.007, 296.813

Same Dimension

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



88, 48.508, 125.642



94, 61.734, 125.291



86, 56.109, 140.414



49, 7.232, 127.076



66, 83.121, 126.475



19, 33.285, 125.658

Inverse Universe

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



67, 51.591, 309.573



67, 66.608, 310.041



71, 56.225, 325.042



45, 7.341, 307.941



27, 97.395, 310.952



4, 37.448, 310.127

Previews

White Background



This preview shows how the CIELCh color 88, 48.506, 125.640 looks on a white background.

Color Contrast Check

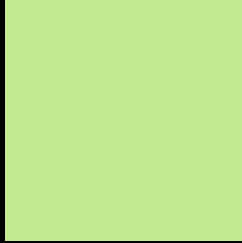
Large Text (above 18pt) WCAG AA × Fail

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, 48.506, 125.640 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, 48.506, 125.640

Background



This preview shows how black text looks on a background with the CIELCh color 88, 48.506, 125.640.

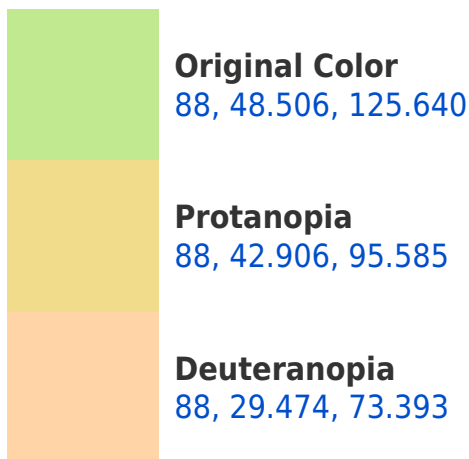


This preview shows how white text looks on a background with the CIELCh color 88, 48.506, 125.640.

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, 10.747, 260.539

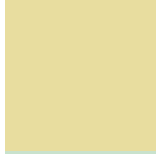
Trichromacy



Original Color
88, 48.506, 125.640



Protanomaly
88, 43.386, 107.597



Deuteranomaly
88, 32.310, 99.677

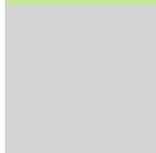


Tritanomaly
88, 14.282, 148.481

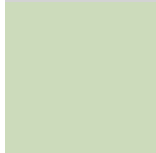
Monochromacy



Original Color
88, 48.506, 125.640



Achromatopsia
85, 0.010, 296.813



Achromatomaly
86, 17.654, 127.302

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 48.506, 125.640 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(193, 234, 144)` looks like.

```
.text, #text, p{  
    color:rgb(193, 234, 144)  
}
```

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(193, 234, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 234, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 48.506, 125.640 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(193, 234, 144) }
```

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

```
.border{ border-color:rgb(193, 234, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 234, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 234, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 234, 144);  
box-shadow:4px 4px 4px 4px rgb(193, 234,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 48.506, 125.640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 234, 144) }
```

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

```
.background{ background-color: rgb(193,  
234, 144) }
```

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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