

Converting Colors

CIELCh(88, 51.334, 111.062)

Have a look what the booklet for
CIELCh(88, 51.334, 111.062)
contains.

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Color

CIELCh(88, 51.214, 110.931)

Conversions

Conversions Part 1

Format	Color
Hex	D9E47F
RGB	217, 228, 127
RGB Percent	85%, 89%, 50%
CMY	0.1474, 0.1043, 0.5005
CMYK	0.05, 0.00, 0.44, 0.10
HSL	67°, 66%, 70%
HSV	67°, 44%, 90%
XYZ	60.4468, 72.0653, 30.9320
YIQ	213.1970, 25.8650, -33.7430

Conversions

Conversions Part 2

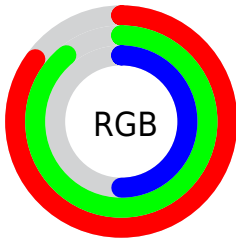
Format	Color
RYB	127, 228, 138
Decimal	14279807
CIELab	88.00, -18.30, 47.83
CIELCh	88, 51.214, 110.931
Yxy	72.0653, 0.3698, 0.4409
Android (android.graphics.Color)	4292469887 (0xFFD9E47F)
YUV	213.1970, -42.4951, 3.3352
Hunter-Lab	84.8913, -21.4589, 37.8203

Details

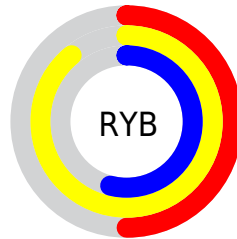
The CIELCh color **88, 51.214, 110.931** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **58, 57.454, 299.413**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 37.154, 107.345**, and **68, 51.390, 111.267** is the 20% darker color. If you saturate the color by 10%, you get **88, 61.724, 110.241**, and if you desaturate by 10%, it is **89, 40.083, 111.699**.

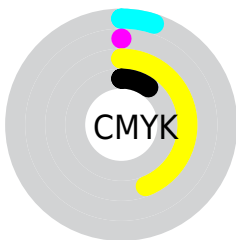
Distribution



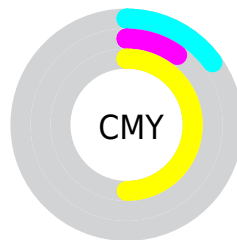
- Red (85%)
- Green (89%)
- Blue (50%)



- Red (50%)
- Yellow (89%)
- Blue (54%)



- Cyan (5%)
- Magenta (0%)
- Yellow (44%)
- Black (10%)





- Cyan (15%)
- Magenta (10%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 51.214, 110.931 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, 51.214, 110.931 by changing the saturation by 10% instead.


 88, 51.214,
110.931


 88, 51.214,
110.931


 100, 51.214,
110.931


 78, 51.214,
110.931

 68, 51.214,
110.931

 58, 51.214,
110.931

 48, 51.214,
110.931

 38, 51.214,
110.931


 28, 51.214,
110.931


 18, 51.214,


110.931


 8, 51.214, 110.931


 0, 51.214, 110.931

 88, 51.214,
110.931

 88, 51.214,
110.931


 88, 61.724,
110.241


 89, 40.083,
111.699

 87, 71.242,
109.671

 89, 28.573,
112.500

 87, 79.272,
109.288

 90, 16.848,
113.313

 87, 85.251,
109.164

 90, 5.013, 114.115

 86, 88.778,

 91, 6.863, 294.909

109.354

92, 13.871,
296.796

86, 89.935,
109.578

92, 13.988,
300.265

92, 14.154,
303.681

92, 14.368,
307.023

Harmonies

Complementary

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



88, 51.214, 110.931



58, 57.454, 299.413

Rectangle

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



88, 51.214, 110.931



88, 51.214, 160.931



88, 51.214, 290.931



88, 51.214, 340.931

Sweetspot

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



88, 51.215, 110.933



99, 16.833, 113.406



67, 39.216, 31.157



53, 11.772, 113.226



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, 51.215, 110.933



97, 66.081, 110.300



85, 56.605, 130.403



48, 6.756, 113.698



69, 74.771, 109.473



20, 29.451, 109.686

Inverse Universe

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



58, 57.454, 299.413



58, 76.543, 300.831



63, 59.413, 314.467



44, 6.905, 295.260



21, 101.762, 306.669



2, 33.887, 299.377

Previews

White Background



This preview shows how the CIELCh color 88, 51.214, 110.931 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, 51.214, 110.931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

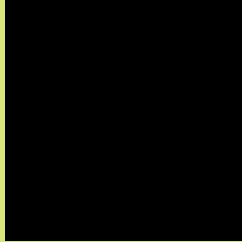
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 51.214, 110.931

Background



This preview shows how black text looks on a background with the CIELCh color 88, 51.214, 110.931.



This preview shows how white text looks on a background with the CIELCh color 88, 51.214, 110.931.

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, 51.214, 110.931

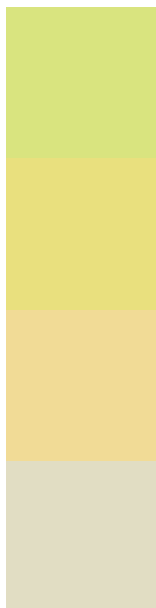
Protanopia
88, 49.692, 95.926

Deuteranopia
88, 31.250, 75.248



Tritanopia
88, 10.227, 319.816

Trichromacy



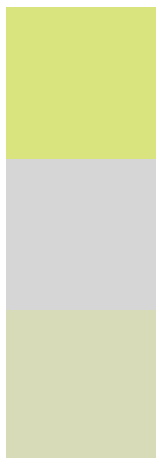
Original Color
88, 51.214, 110.931

Protanomaly
88, 49.855, 101.723

Deuteranomaly
88, 36.755, 93.121

Tritanomaly
88, 13.586, 102.683

Monochromacy



Original Color
88, 51.214, 110.931

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 18.799, 113.230

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 51.214, 110.931 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(217, 228, 127)` looks like.

```
.text, #text, p{  
    color:rgb(217, 228, 127)  
}
```

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(217, 228, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 228, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 51.214, 110.931 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(217, 228, 127) }
```

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

```
.border{ border-color:rgb(217, 228, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 228, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 228, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 228, 127); box-shadow:4px 4px 4px 4px rgb(217, 228, 127) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 51.214, 110.931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 228, 127) }
```

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

```
.background{ background-color: rgb(217,  
228, 127) }
```

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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