

Converting Colors

CIELCh(88, 55.044, 109.490)

Have a look what the booklet for
CIELCh(88, 55.044, 109.490)
contains.

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Color

CIELCh(88, 54.884, 109.465)

Conversions

Conversions Part 1

Format	Color
Hex	DBE477
RGB	219, 228, 119
RGB Percent	86%, 89%, 47%
CMY	0.1402, 0.1049, 0.5324
CMYK	0.04, 0.00, 0.48, 0.10
HSL	65°, 67%, 68%
HSV	65°, 48%, 90%
XYZ	60.4497, 72.0653, 28.2518
YIQ	212.8830, 29.6250, -35.8070

Conversions

Conversions Part 2

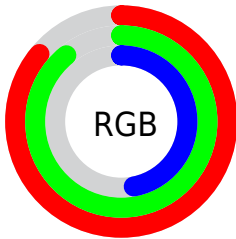
Format	Color
RYB	119, 228, 128
Decimal	14410871
CIELab	88.00, -18.29, 51.75
CIELCh	88, 54.884, 109.465
Yxy	72.0653, 0.3760, 0.4483
Android (android.graphics.Color)	4292600951 (0xFFD8E477)
YUV	212.8830, -46.2843, 5.3646
Hunter-Lab	84.8913, -21.4529, 39.6922

Details

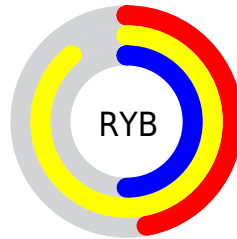
The CIELCh color **88, 54.884, 109.465** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **56, 62.420, 299.236**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 41.073, 107.042**, and **68, 54.834, 109.641** is the 20% darker color. If you saturate the color by 10%, you get **88, 65.061, 108.770**, and if you desaturate by 10%, it is **88, 43.968, 110.250**.

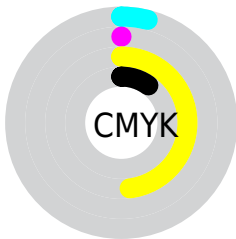
Distribution



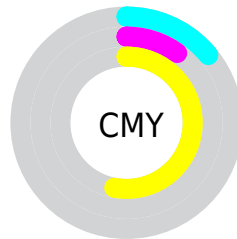
- Red (86%)
- Green (89%)
- Blue (47%)



- Red (47%)
- Yellow (89%)
- Blue (50%)



- Cyan (4%)
- Magenta (0%)
- Yellow (48%)
- Black (10%)



- Cyan (14%)
- Magenta (10%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 54.884, 109.465 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, 54.884, 109.465 by changing the saturation by 10% instead.


 88, 54.884,
109.465

 88, 54.884,
109.465

 100, 54.884,
109.465

 78, 54.884,
109.465

 68, 54.884,
109.465

 58, 54.884,
109.465

 48, 54.884,
109.465

 38, 54.884,
109.465

 28, 54.884,
109.465

 18, 54.884,


109.465

 8, 54.884, 109.465

 0, 54.884, 109.465


 88, 54.884,
109.465


 88, 54.884,
109.465


 88, 65.061,
108.770


 88, 43.968,
110.250

 87, 74.081,
108.208

 89, 32.597,
111.080

 87, 81.407,
107.844

 90, 20.960,
111.928

 87, 86.497,
107.739

 90, 9.179, 112.773

 87, 89.149,

 91, 2.665, 293.622

107.923

92, 13.900,
294.514

87, 89.580,
107.983

92, 13.959,
297.146

92, 14.046,
299.760

92, 14.162,
302.347

Harmonies

Complementary

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



88, 54.884, 109.465



56, 62.420, 299.236

Rectangle

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



88, 54.884, 109.465



88, 54.884, 159.465



88, 54.884, 289.465



88, 54.884, 339.465

Sweetspot

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



88, 54.885, 109.467



99, 18.095, 112.240



64, 43.988, 29.148



53, 12.485, 112.056



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, 54.885, 109.467



97, 70.309, 108.796



85, 60.279, 129.143



48, 6.746, 112.630



69, 74.520, 107.903



20, 29.385, 108.248

Inverse Universe

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



56, 62.420, 299.236



54, 82.897, 300.886



61, 63.907, 313.576



44, 6.896, 294.270



21, 101.950, 306.552



2, 33.830, 298.751

Previews

White Background



This preview shows how the CIELCh color 88, 54.884, 109.465 looks on a white background.

Color Contrast Check

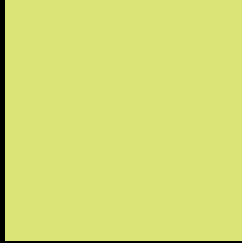
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 88, 54.884, 109.465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

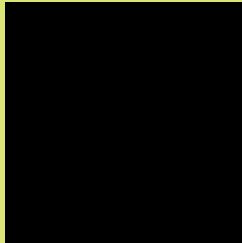
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 54.884, 109.465

Background



This preview shows how black text looks on a background with the CIELCh color 88, 54.884, 109.465.



This preview shows how white text looks on a background with the CIELCh color 88, 54.884, 109.465.

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, 54.884, 109.465

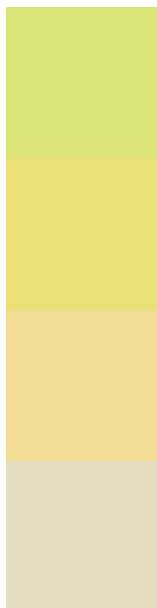
Protanopia
88, 53.526, 95.810

Deuteranopia
88, 31.892, 76.718



Tritanopia
88, 10.160, 324.793

Trichromacy



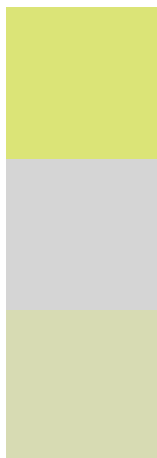
Original Color
88, 54.884, 109.465

Protanomaly
88, 53.660, 101.233

Deuteranomaly
88, 38.826, 93.024

Tritanomaly
88, 15.297, 98.912

Monochromacy



Original Color
88, 54.884, 109.465

Achromatopsia
85, 0.010, 296.813

Achromatomaly
86, 20.859, 112.619

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 54.884, 109.465 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(219, 228, 119)` looks like.

```
.text, #text, p{  
    color:rgb(219, 228, 119)  
}
```

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(219, 228, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 228, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 54.884, 109.465 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(219, 228, 119) }
```

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

```
.border{ border-color:rgb(219, 228, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 228, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 228, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 228, 119);  
box-shadow:4px 4px 4px 4px rgb(219, 228,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 54.884, 109.465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 228, 119) }
```

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

```
.background{ background-color: rgb(219,  
228, 119) }
```

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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