

Converting Colors

CIELCh(84, 44.899, 113.067)

Have a look what the booklet for
CIELCh(84, 44.899, 113.067)
contains.

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Color

CIELCh(84, 44.929, 113.054)

Conversions

Conversions Part 1

Format	Color
Hex	CCD982
RGB	204, 217, 130
RGB Percent	80%, 85%, 51%
CMY	0.2000, 0.1491, 0.4902
CMYK	0.06, 0.00, 0.40, 0.15
HSL	69°, 53%, 68%
HSV	69°, 40%, 85%
XYZ	53.7362, 64.0658, 30.6485
YIQ	203.1950, 20.1790, -29.8130

Conversions

Conversions Part 2

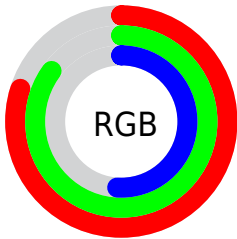
Format	Color
RYB	130, 217, 143
Decimal	13425026
CIELab	84.00, -17.59, 41.34
CIELCh	84, 44.929, 113.054
Yxy	64.0658, 0.3620, 0.4316
Android (android.graphics.Color)	4291615106 (0xFFCCD982)
YUV	203.1950, -36.0851, 0.7060
Hunter-Lab	80.0411, -20.2346, 33.3260

Details

The CIELCh color **84, 44.929, 113.054** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **59, 49.592, 300.023**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 35.677, 107.459**, and **64, 44.713, 113.250** is the 20% darker color. If you saturate the color by 10%, you get **83, 55.350, 112.387**, and if you desaturate by 10%, it is **85, 34.031, 113.784**.

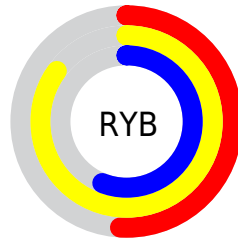
Distribution



Red (80%)

Green (85%)

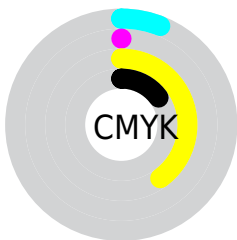
Blue (51%)



Red (51%)

Yellow (85%)

Blue (56%)

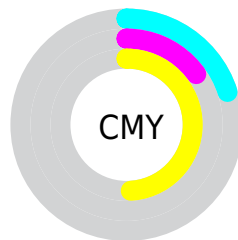


Cyan (6%)

Magenta (0%)

Yellow (40%)

Black (15%)



Cyan (20%)

Magenta (15%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 44.929, 113.054 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 84, 44.929, 113.054 by changing the saturation by 10% instead.


 84, 44.929,
113.054

 84, 44.929,
113.054


 100, 44.929,
113.054


 74, 44.929,
113.054

 64, 44.929,
113.054

 54, 44.929,
113.054

 44, 44.929,
113.054

 34, 44.929,
113.054


 24, 44.929,
113.054

 14, 44.929,


113.054


 4, 44.929, 113.054

 0, 44.929, 113.054


 84, 44.929,
113.054


 84, 44.929,
113.054


 83, 55.350,
112.387


 85, 34.031,
113.784

 83, 64.995,
111.823

 85, 22.847,
114.536


 83, 73.448,
111.427

 86, 11.508,
115.290

 82, 80.184,
111.281

 87, 0.098, 115.949

 82, 84.716,

 88, 11.325,
296.747

111.460

88, 20.031,
298.015

82, 87.126,
111.954

89, 20.189,
301.115

89, 20.403,
304.179

89, 20.672,
307.191

Harmonies

Complementary

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



84, 44.929, 113.054



59, 49.592, 300.023

Rectangle

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



84, 44.929, 113.054



84, 44.929, 163.054



84, 44.929, 293.054



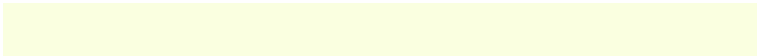
84, 44.929, 343.054

Sweetspot

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



84, 44.931, 113.056



99, 15.589, 115.139



66, 32.704, 33.469



53, 10.337, 115.040



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



84, 44.931, 113.056



96, 60.623, 112.492



81, 49.878, 131.685



46, 6.528, 115.339



67, 73.673, 111.824



17, 26.764, 112.487

Inverse Universe

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



59, 49.592, 300.023



62, 68.725, 301.145



63, 51.853, 315.337



42, 6.669, 296.779



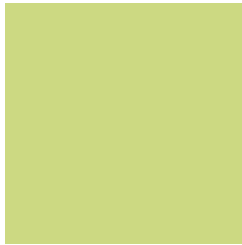
21, 99.227, 306.910



2, 29.820, 298.579

Previews

White Background



This preview shows how the CIELCh color 84, 44.929, 113.054 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 84, 44.929, 113.054 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 84, 44.929, 113.054

Background



This preview shows how black text looks on a background with the CIELCh color 84, 44.929, 113.054.



This preview shows how white text looks on a background with the CIELCh color 84, 44.929, 113.054.

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
84, 44.929, 113.054

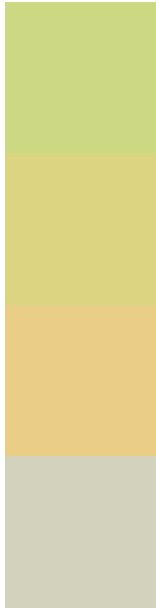
Protanopia
84, 43.256, 95.346

Deuteranopia
84, 41.291, 75.301



Tritanopia
84, 9.077, 311.510

Trichromacy



Original Color
84, 44.929, 113.054

Protanomaly
84, 43.407, 102.020

Deuteranomaly
84, 39.975, 89.277

Tritanomaly
84, 11.027, 107.257

Monochromacy



Original Color
84, 44.929, 113.054

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 16.938, 115.172

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 44.929, 113.054 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(204, 217, 130)` looks like.

```
.text, #text, p{  
    color:rgb(204, 217, 130)  
}
```

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(204, 217, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 217, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 44.929, 113.054 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(204, 217, 130) }
```

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

```
.border{ border-color:rgb(204, 217, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 217, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 217, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 217, 130);  
box-shadow:4px 4px 4px 4px rgb(204, 217,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 44.929, 113.054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 217, 130) }
```

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

```
.background{ background-color: rgb(204,  
217, 130) }
```

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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