

Converting Colors

CIELCh(84, 42.139, 114.640)

Have a look what the booklet for
CIELCh(84, 42.139, 114.640)
contains.

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Color

CIELCh(84, 42.117, 114.806)

Conversions

Conversions Part 1

Format	Color
Hex	CAD988
RGB	202, 217, 136
RGB Percent	79%, 85%, 53%
CMY	0.2072, 0.1484, 0.4661
CMYK	0.07, 0.00, 0.37, 0.15
HSL	71°, 52%, 69%
HSV	71°, 37%, 85%
XYZ	53.7066, 64.0658, 32.8822
YIQ	203.2810, 17.0610, -28.3710

Conversions

Conversions Part 2

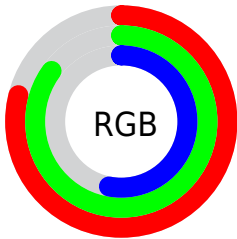
Format	Color
R _{YB}	136, 217, 151
Decimal	13293960
CIE Lab	84.00, -17.67, 38.23
CIE LCh	84, 42.117, 114.806
Yxy	64.0658, 0.3565, 0.4252
Android (android.graphics.Color)	4291484040 (0xFFCAD988)
YUV	203.2810, -33.1695, -1.1234
Hunter-Lab	80.0411, -20.3006, 31.6715

Details

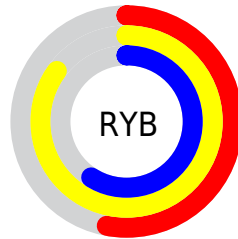
The CIELCh color **84, 42.117, 114.806** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **61, 45.992, 300.795**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 32.709, 107.688**, and **64, 41.857, 114.634** is the 20% darker color. If you saturate the color by 10%, you get **83, 52.757, 114.164**, and if you desaturate by 10%, it is **85, 31.067, 115.501**.

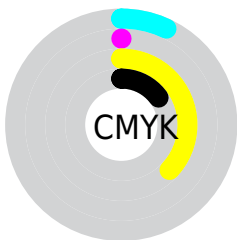
Distribution



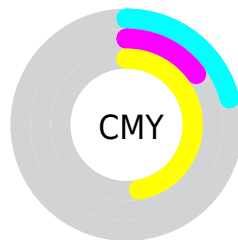
- Red (79%)
- Green (85%)
- Blue (53%)



- Red (53%)
- Yellow (85%)
- Blue (59%)



- Cyan (7%)
- Magenta (0%)
- Yellow (37%)
- Black (15%)



- Cyan (21%)
- Magenta (15%)
- Yellow (47%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 42.117, 114.806 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, 42.117, 114.806 by changing the saturation by 10% instead.

 84, 42.117,
114.806


 84, 42.117,
114.806

 100, 42.117,
114.806

 74, 42.117,
114.806

 64, 42.117,
114.806

 54, 42.117,
114.806


 44, 42.117,
114.806


 34, 42.117,
114.806

 24, 42.117,
114.806

 14, 42.117,


114.806


 4, 42.117, 114.806

 0, 42.117, 114.806


 84, 42.117,
114.806


 84, 42.117,
114.806

 83, 52.757,
114.164


 85, 31.067,
115.501

 83, 62.720,
113.614

 85, 19.777,
116.212

 82, 71.628,
113.223

 86, 8.362, 116.918

 82, 78.982,
113.072

 87, 3.100, 297.604

 88, 14.558,
298.267

 82, 84.262,

113.251

89, 20.067,
300.604

81, 87.231,
113.815

89, 20.330,
304.422

81, 87.835,
113.997

89, 20.679,
308.158

89, 21.110,
311.785

Harmonies

Complementary

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



84, 42.117, 114.806



61, 45.992, 300.795

Rectangle

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



84, 42.117, 114.806



84, 42.117, 164.806



84, 42.117, 294.806



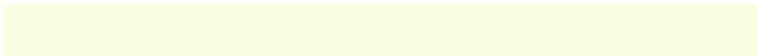
84, 42.117, 344.806

Sweetspot

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



84, 42.119, 114.808



99, 14.340, 116.651



69, 29.085, 37.783



53, 9.633, 116.555



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, 42.119, 114.808



96, 57.329, 114.281



81, 47.216, 133.388



46, 6.550, 116.769



66, 74.214, 113.840



17, 26.917, 114.386

Inverse Universe

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



61, 45.992, 300.795



65, 64.134, 301.763



65, 48.644, 316.804



42, 6.688, 298.115



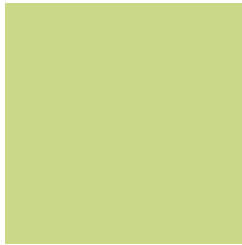
21, 98.841, 307.167



2, 29.890, 299.445

Previews

White Background



This preview shows how the CIELCh color 84, 42.117, 114.806 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, 42.117, 114.806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

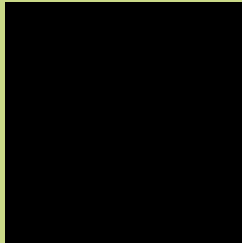
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 42.117, 114.806

Background



This preview shows how black text looks on a background with the CIELCh color 84, 42.117, 114.806.




This preview shows how white text looks on a background with the CIELCh color 84, 42.117, 114.806.

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
84, 8.742, 304.951

Trichromacy



Original Color
84, 42.117, 114.806

Protanomaly
84, 40.407, 102.574

Deuteranomaly
84, 36.775, 89.474

Tritanomaly
84, 10.526, 113.341

Monochromacy



Original Color
84, 42.117, 114.806

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 15.379, 115.936

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 42.117, 114.806 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(202, 217, 136)` looks like.

```
.text, #text, p{  
    color:rgb(202, 217, 136)  
}
```

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(202, 217, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 217, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 42.117, 114.806 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(202, 217, 136) }
```

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

```
.border{ border-color:rgb(202, 217, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 217, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 217, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 217, 136);  
box-shadow:4px 4px 4px 4px rgb(202, 217,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 42.117, 114.806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 217, 136) }
```

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

```
.background{ background-color: rgb(202,  
217, 136) }
```

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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