

Converting Colors

CIELCh(86, 42.097, 119.141)

Have a look what the booklet for
CIELCh(86, 42.097, 119.141)
contains.

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Color

CIELCh(86, 42.037, 119.215)

Conversions

Conversions Part 1

Format	Color
Hex	C9E090
RGB	201, 224, 144
RGB Percent	79%, 88%, 56%
CMY	0.2104, 0.1202, 0.4340
CMYK	0.10, 0.00, 0.36, 0.12
HSL	77°, 57%, 72%
HSV	77°, 36%, 88%
XYZ	55.9884, 67.9871, 36.6885
YIQ	208.0030, 11.9720, -29.7560

Conversions

Conversions Part 2

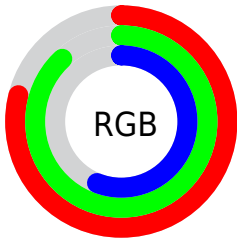
Format	Color
RYB	144, 224, 167
Decimal	13230224
CIELab	86.00, -20.52, 36.69
CIElCh	86, 42.037, 119.215
Yxy	67.9871, 0.3485, 0.4232
Android (android.graphics.Color)	4291420304 (0xFFC9E090)
YUV	208.0030, -31.5535, -6.1416
Hunter-Lab	82.4543, -23.0894, 31.3366

Details

The CIELCh color **86, 42.037, 119.215** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **65, 45.314, 303.918**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 28.233, 108.033**, and **66, 42.337, 119.186** is the 20% darker color. If you saturate the color by 10%, you get **85, 53.258, 118.669**, and if you desaturate by 10%, it is **87, 30.445, 119.809**.

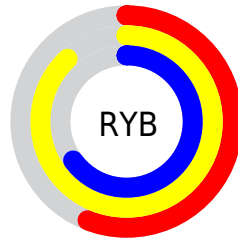
Distribution



Red (79%)

Green (88%)

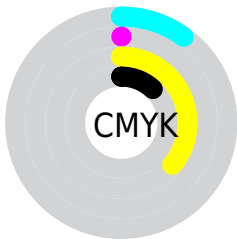
Blue (56%)



Red (56%)

Yellow (88%)

Blue (65%)

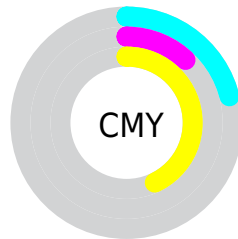


Cyan (10%)

Magenta (0%)

Yellow (36%)

Black (12%)



Cyan (21%)


Magenta (12%)


Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 42.037, 119.215 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 86, 42.037, 119.215 by changing the saturation by 10% instead.


 86, 42.037,
119.215


 86, 42.037,
119.215


 100, 42.037,
119.215


 76, 42.037,
119.215

 66, 42.037,
119.215

 56, 42.037,
119.215

 46, 42.037,
119.215

 36, 42.037,
119.215

 26, 42.037,
119.215

 16, 42.037,

119.215

■ 6, 42.037, 119.215

■ 0, 42.037, 119.215

■ 86, 42.037,
119.215

■ 86, 42.037,
119.215

■ 85, 53.258,
118.669

■ 87, 30.445,
119.809

■ 85, 63.850,
118.213

■ 88, 18.643,
120.412

■ 84, 73.452,
117.920

■ 89, 6.746, 121.011

■ 83, 81.572,
117.885

■ 90, 5.170, 301.566

■ 91, 16.284,
302.592

■ 83, 87.672,

118.222

91, 16.866,
310.025

83, 91.406,
119.015

92, 17.709,
316.944

82, 92.538,
119.447

92, 18.785,
323.231

93, 19.171,
325.090

Harmonies

Complementary

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



86, 42.037, 119.215



65, 45.314, 303.918

Rectangle

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



86, 42.037, 119.215



86, 42.037, 169.215



86, 42.037, 299.215



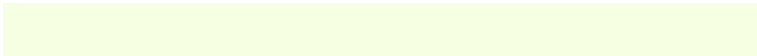
86, 42.037, 349.215

Sweetspot

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



86, 42.039, 119.217



99, 14.528, 120.688



73, 26.986, 47.759



53, 9.761, 120.606



0, 0.000, 0.000



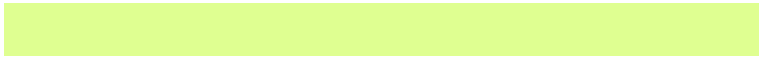
53, 0.007, 296.813

Same Dimension

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



86, 42.039, 119.217



96, 55.799, 118.792



84, 47.832, 136.396



47, 6.761, 120.786



66, 77.066, 119.219



18, 28.979, 119.134

Inverse Universe

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



65, 45.314, 303.918



67, 61.337, 304.615



69, 48.675, 319.871



43, 6.891, 301.903



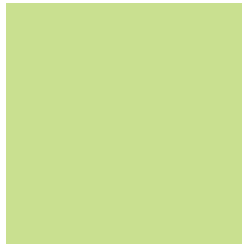
23, 98.474, 308.199



3, 32.272, 302.930

Previews

White Background



This preview shows how the CIELCh color 86, 42.037, 119.215 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 86, 42.037, 119.215 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 86, 42.037, 119.215

Background



This preview shows how black text looks on a background with the CIELCh color 86, 42.037, 119.215.

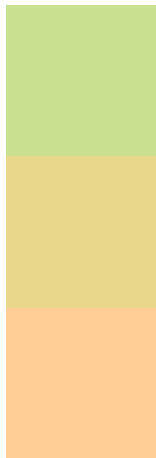


This preview shows how white text looks on a background with the CIELCh color 86, 42.037, 119.215.

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](#).

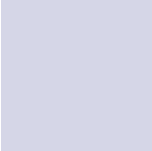
Dichromacy



Original Color
86, 42.037, 119.215

Protanopia
86, 39.458, 96.074

Deuteranopia
86, 35.403, 73.170



Tritanopia
86, 8.929, 288.698

Trichromacy



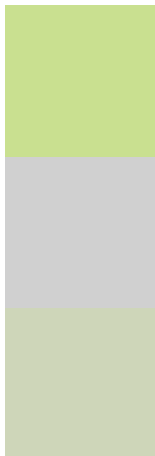
Original Color
86, 42.037, 119.215

Protanomaly
86, 39.148, 105.038

Deuteranomaly
86, 34.463, 92.287

Tritanomaly
86, 10.494, 127.762

Monochromacy



Original Color
86, 42.037, 119.215

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 15.495, 120.087

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 42.037, 119.215 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(201, 224, 144)` looks like.

```
.text, #text, p{  
    color:rgb(201, 224, 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(201, 224, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 224, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 42.037, 119.215 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(201, 224, 144) }
```

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

```
.border{ border-color:rgb(201, 224, 144) }
```

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

Here you see how a box with a 4 pixel rgb(201, 224, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 224, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 224, 144);  
box-shadow:4px 4px 4px 4px rgb(201, 224,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 42.037, 119.215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 224, 144) }
```

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

```
.background{ background-color: rgb(201,  
224, 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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