

Converting Colors

CIELCh(85, 47.854, 124.089)

Have a look what the booklet for
CIELCh(85, 47.854, 124.089)
contains.

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Color

CIELCh(85, 47.821, 124.097)

Conversions

Conversions Part 1

Format	Color
Hex	BCE188
RGB	188, 225, 136
RGB Percent	74%, 88%, 53%
CMY	0.2645, 0.1194, 0.4683
CMYK	0.16, 0.00, 0.40, 0.12
HSL	85°, 59%, 71%
HSV	85°, 40%, 88%
XYZ	51.8467, 66.0070, 33.1439
YIQ	203.7910, 6.5170, -35.5230

Conversions

Conversions Part 2

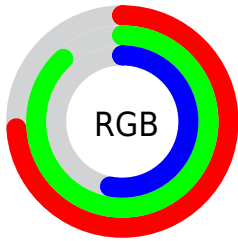
Format	Color
RYB	136, 225, 173
Decimal	12378504
CIELab	85.00, -26.81, 39.60
CIELCh	85, 47.821, 124.097
Yxy	66.0070, 0.3434, 0.4371
Android (android.graphics.Color)	4290568584 (0xFFBCE188)
YUV	203.7910, -33.4210, -13.8487
Hunter-Lab	81.2447, -28.2676, 32.6839

Details

The CIELCh color **85, 47.821, 124.097** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **63, 51.238, 308.361**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 32.961, 114.296**, and **65, 48.310, 124.202** is the 20% darker color. If you saturate the color by 10%, you get **84, 59.218, 123.655**, and if you desaturate by 10%, it is **86, 35.987, 124.597**.

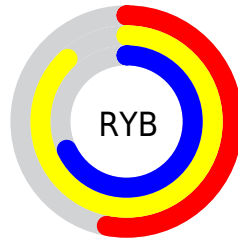
Distribution



Red (74%)

Green (88%)

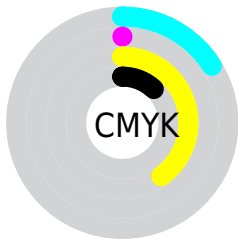
Blue (53%)



Red (53%)

Yellow (88%)

Blue (68%)

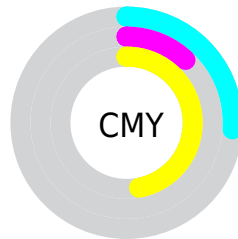


Cyan (16%)

Magenta (0%)

Yellow (40%)

Black (12%)



Cyan (26%)

Magenta (12%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 47.821, 124.097 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 85, 47.821, 124.097 by changing the saturation by 10% instead.

■ 85, 47.821,
124.097

■ 85, 47.821,
124.097

■ 100, 47.821,
124.097

■ 75, 47.821,
124.097

■ 65, 47.821,
124.097

■ 55, 47.821,
124.097

■ 45, 47.821,
124.097

■ 35, 47.821,
124.097

■ 25, 47.821,
124.097

■ 15, 47.821,

124.097

■ 5, 47.821, 124.097

■ 0, 47.821, 124.097

■ 85, 47.821,
124.097

■ 85, 47.821,
124.097

■ 84, 59.218,
123.655

■ 86, 35.987,
124.597

■ 83, 69.878,
123.326

■ 87, 23.909,
125.112

■ 83, 79.393,
123.204

■ 88, 11.725,
125.620

■ 82, 87.239,
123.405

■ 89, 0.471, 305.886

■ 81, 92.917,

■ 91, 12.613,
306.537

124.052

92, 17.172,
313.807

81, 96.436,
125.149

92, 18.653,
323.189

81, 96.555,
125.191

93, 19.044,
325.086

Harmonies

Complementary

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



85, 47.821, 124.097



63, 51.238, 308.361

Rectangle

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



85, 47.821, 124.097



85, 47.821, 174.097



85, 47.821, 304.097



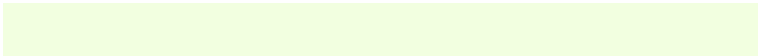
85, 47.821, 354.097

Sweetspot

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



85, 47.823, 124.099



98, 16.215, 125.496



74, 29.898, 59.962



52, 10.756, 125.430



0, 0.000, 0.000



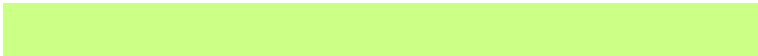
53, 0.007, 296.813

Same Dimension

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



85, 47.823, 124.099



94, 63.618, 123.707



83, 54.995, 139.145



47, 6.915, 125.629



65, 80.289, 124.926



17, 30.030, 124.775

Inverse Universe

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



63, 51.238, 308.361



65, 69.404, 308.943



68, 55.350, 323.597



44, 7.027, 306.536



25, 96.124, 310.194



3, 32.906, 307.151

Previews

White Background



This preview shows how the CIELCh color 85, 47.821, 124.097 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 85, 47.821, 124.097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

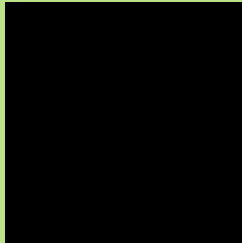
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 47.821, 124.097

Background



This preview shows how black text looks on a background with the CIELCh color 85, 47.821, 124.097.



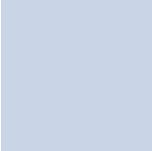
This preview shows how white text looks on a background with the CIELCh color 85, 47.821, 124.097.

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
85, 9.768, 265.914

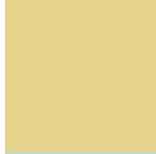
Trichromacy



Original Color
85, 47.821, 124.097



Protanomaly
85, 43.129, 107.534



Deuteranomaly
84, 37.812, 94.405

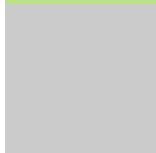


Tritanomaly
85, 13.505, 143.891

Monochromacy



Original Color
85, 47.821, 124.097



Achromatopsia
82, 0.010, 296.813



Achromatomaly
83, 18.156, 125.629

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 47.821, 124.097 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(188, 225, 136)` looks like.

```
.text, #text, p{  
    color:rgb(188, 225, 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(188, 225, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 225, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 47.821, 124.097 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(188, 225, 136) }
```

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

```
.border{ border-color:rgb(188, 225, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 225, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 225, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 225, 136); box-shadow:4px 4px 4px 4px rgb(188, 225, 136) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 47.821, 124.097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 225, 136) }
```

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

```
.background{ background-color: rgb(188,  
225, 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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