

Converting Colors

CIELCh(84, 47.215, 125.349)

Have a look what the booklet for
CIELCh(84, 47.215, 125.349)
contains.

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Color

CIELCh(84, 47.249, 125.341)

Conversions

Conversions Part 1

Format	Color
Hex	B7DE87
RGB	183, 222, 135
RGB Percent	72%, 87%, 53%
CMY	0.2823, 0.1294, 0.4705
CMYK	0.18, 0.00, 0.39, 0.13
HSL	87°, 57%, 70%
HSV	87°, 39%, 87%
XYZ	50.0284, 64.0658, 32.6540
YIQ	200.4210, 4.6830, -35.3250

Conversions

Conversions Part 2

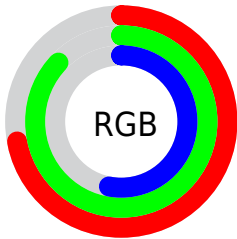
Format	Color
RYB	135, 222, 174
Decimal	12050055
CIELab	84.00, -27.33, 38.54
CIElCh	84, 47.249, 125.341
Yxy	64.0658, 0.3409, 0.4366
Android (android.graphics.Color)	4290240135 (0xFFB7DE87)
YUV	200.4210, -32.2526, -15.2782
Hunter-Lab	80.0411, -28.5034, 31.8405

Details

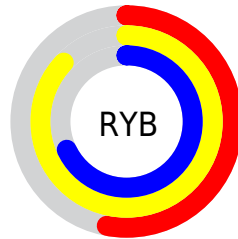
The CIELCh color $84, 47.249, 125.341$ is a light color, and the websafe version is hex $99CC66$. A complement of this color would be $63, 50.357, 309.373$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 33.745, 117.333$, and $64, 47.169, 125.273$ is the 20% darker color. If you saturate the color by 10%, you get $83, 58.675, 124.902$, and if you desaturate by 10%, it is $85, 35.405, 125.832$.

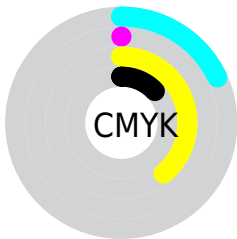
Distribution



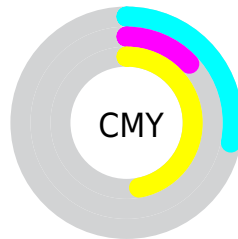
- Red (72%)
- Green (87%)
- Blue (53%)



- Red (53%)
- Yellow (87%)
- Blue (68%)



- Cyan (18%)
- Magenta (0%)
- Yellow (39%)
- Black (13%)





- Cyan (28%)
- Magenta (13%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 47.249, 125.341 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, 47.249, 125.341 by changing the saturation by 10% instead.


 84, 47.249,
125.341


 84, 47.249,
125.341


 100, 47.249,
125.341


 74, 47.249,
125.341

 64, 47.249,
125.341

 54, 47.249,
125.341

 44, 47.249,
125.341

 34, 47.249,
125.341

 24, 47.249,
125.341

 14, 47.249,

125.341

■ 4, 47.249, 125.341

■ 0, 47.249, 125.341

■ 84, 47.249,
125.341

■ 84, 47.249,
125.341

■ 83, 58.675,
124.902

■ 85, 35.405,
125.832

■ 82, 69.391,
124.571

■ 86, 23.332,
126.334

■ 82, 78.996,
124.439

■ 87, 11.168,
126.826

■ 81, 86.978,
124.624

■ 89, 0.996, 307.169

■ 80, 92.833,

■ 90, 13.093,
307.701

125.251

91, 18.638,
313.949

80, 96.510,
126.338

92, 20.208,
323.186

80, 96.773,
126.428

92, 20.642,
325.142

Harmonies

Complementary

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



84, 47.249, 125.341



63, 50.357, 309.373

Rectangle

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



84, 47.249, 125.341



84, 47.249, 175.341



84, 47.249, 305.341



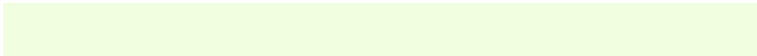
84, 47.249, 355.341

Sweetspot

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



84, 47.251, 125.343



98, 16.326, 126.684



74, 29.358, 63.560



52, 10.831, 126.620



0, 0.000, 0.000



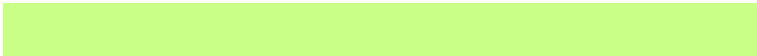
53, 0.007, 296.813

Same Dimension

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



84, 47.251, 125.343



94, 62.881, 124.976



82, 54.472, 139.975



47, 6.962, 126.814



65, 81.157, 126.171



17, 30.328, 126.051

Inverse Universe

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



63, 50.357, 309.373



66, 68.064, 309.875



67, 54.658, 324.575



44, 7.068, 307.682



26, 95.477, 310.826



3, 33.123, 308.362

Previews

White Background



This preview shows how the CIELCh color 84, 47.249, 125.341 looks on a white background.

Color Contrast Check

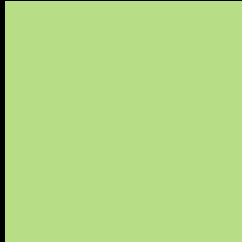
Large Text (above 18pt) WCAG AA × Fail

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, 47.249, 125.341 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, 47.249, 125.341

Background



This preview shows how black text looks on a background with the CIELCh color 84, 47.249, 125.341.



This preview shows how white text looks on a background with the CIELCh color 84, 47.249, 125.341.

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, 47.249, 125.341

Protanopia

84, 41.700, 95.682

Deuteranopia

84, 38.110, 74.365



Tritanopia
84, 10.231, 260.704

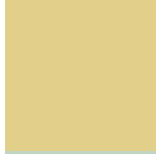
Trichromacy



Original Color
84, 47.249, 125.341



Protanomaly
84, 42.232, 107.598



Deuteranomaly
84, 37.191, 95.495

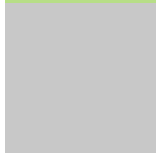


Tritanomaly
84, 14.190, 147.363

Monochromacy



Original Color
84, 47.249, 125.341



Achromatopsia
81, 0.010, 296.813



Achromatomaly
82, 17.703, 126.130

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 47.249, 125.341 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(183, 222, 135)` looks like.

```
.text, #text, p{  
    color:rgb(183, 222, 135)  
}
```

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(183, 222, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 222, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 47.249, 125.341 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(183, 222, 135) }
```

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

```
.border{ border-color:rgb(183, 222, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 222, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 222, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 222, 135);  
box-shadow:4px 4px 4px 4px rgb(183, 222,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 47.249, 125.341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 222, 135) }
```

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

```
.background{ background-color: rgb(183,  
222, 135) }
```

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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