

Converting Colors

CIELCh(84, 52.465, 124.108)

Have a look what the booklet for
CIELCh(84, 52.465, 124.108)
contains.

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Color

CIELCh(84, 52.555, 123.994)

Conversions

Conversions Part 1

Format	Color
Hex	B6DF7D
RGB	182, 223, 125
RGB Percent	71%, 87%, 49%
CMY	0.2870, 0.1263, 0.5105
CMYK	0.18, 0.00, 0.44, 0.13
HSL	85°, 60%, 68%
HSV	85°, 44%, 87%
XYZ	49.2690, 64.0658, 29.1091
YIQ	199.5690, 7.0220, -39.1700

Conversions

Conversions Part 2

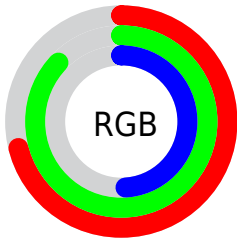
Format	Color
RYB	125, 223, 166
Decimal	11984765
CIELab	84.00, -29.38, 43.57
CIElCh	84, 52.555, 123.994
Yxy	64.0658, 0.3459, 0.4498
Android (android.graphics.Color)	4290174845 (0xFFB6DF7D)
YUV	199.5690, -36.7625, -15.4080
Hunter-Lab	80.0411, -30.1969, 34.4664

Details

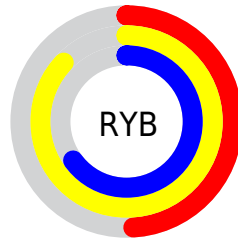
The CIELCh color **84, 52.555, 123.994** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **60, 56.788, 308.732**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 38.681, 116.373**, and **64, 52.559, 124.238** is the 20% darker color. If you saturate the color by 10%, you get **83, 63.614, 123.593**, and if you desaturate by 10%, it is **85, 40.948, 124.475**.

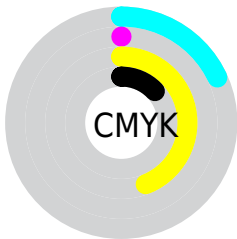
Distribution



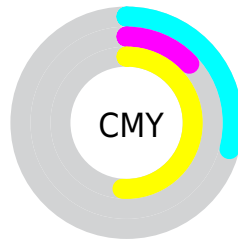
- Red (71%)
- Green (87%)
- Blue (49%)



- Red (49%)
- Yellow (87%)
- Blue (65%)



- Cyan (18%)
- Magenta (0%)
- Yellow (44%)
- Black (13%)



- Cyan (29%)
- Magenta (13%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 52.555, 123.994 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, 52.555, 123.994 by changing the saturation by 10% instead.

 84, 52.555,
123.994

 84, 52.555,
123.994

 100, 52.555,
123.994


 74, 52.555,
123.994

 64, 52.555,
123.994

 54, 52.555,
123.994

 44, 52.555,
123.994

 34, 52.555,
123.994


 24, 52.555,
123.994

 14, 52.555,


123.994


 4, 52.555, 123.994


 0, 52.555, 123.994


 84, 52.555,
123.994

 84, 52.555,
123.994


 83, 63.614,
123.593


 85, 40.948,
124.475

 82, 73.781,
123.342

 86, 29.023,
124.985

 82, 82.594,
123.344

 87, 16.941,
125.497

 81, 89.520,
123.725

 88, 4.812, 126.002

 81, 94.156,

 90, 7.289, 306.431

124.591

91, 17.568,
308.395

80, 96.066,
125.287

92, 18.765,
317.938

92, 20.144,
325.125

Harmonies

Complementary

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



84, 52.555, 123.994



60, 56.788, 308.732

Rectangle

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



84, 52.555, 123.994



84, 52.555, 173.994



84, 52.555, 303.994



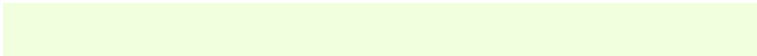
84, 52.555, 353.994

Sweetspot

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



84, 52.557, 123.996



98, 17.577, 125.541



72, 33.465, 61.311



52, 12.299, 125.428



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, 52.557, 123.996



94, 69.755, 123.614



81, 60.706, 139.168



47, 6.919, 125.725



65, 80.358, 125.028



17, 30.053, 124.879

Inverse Universe

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



60, 56.788, 308.732



62, 76.887, 309.351



65, 60.975, 324.283



44, 7.030, 306.628



25, 96.073, 310.243



3, 32.923, 307.247

Previews

White Background



This preview shows how the CIELCh color 84, 52.555, 123.994 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, 52.555, 123.994 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, 52.555, 123.994

Background



This preview shows how black text looks on a background with the CIELCh color 84, 52.555, 123.994.



This preview shows how white text looks on a background with the CIELCh color 84, 52.555, 123.994.

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, 52.555, 123.994

Protanopia
84, 46.650, 95.781

Deuteranopia
84, 43.096, 76.439



Tritanopia
84, 10.231, 260.704

Trichromacy



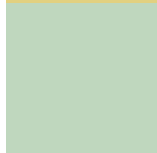
Original Color
84, 52.555, 123.994



Protanomaly
84, 47.119, 107.064



Deuteranomaly
83, 42.139, 96.289

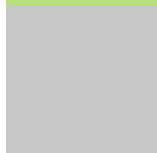


Tritanomaly
84, 15.916, 142.727

Monochromacy



Original Color
84, 52.555, 123.994



Achromatopsia
80, 0.010, 296.813



Achromatomaly
82, 19.826, 125.265

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 52.555, 123.994 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(182, 223, 125)` looks like.

```
.text, #text, p{  
    color:rgb(182, 223, 125)  
}
```

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(182, 223, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 223, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 52.555, 123.994 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(182, 223, 125) }
```

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

```
.border{ border-color:rgb(182, 223, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 223, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 223, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 223, 125);  
box-shadow:4px 4px 4px 4px rgb(182, 223,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 52.555, 123.994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 223, 125) }
```

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

```
.background{ background-color: rgb(182,  
223, 125) }
```

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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