

Converting Colors

CIELCh(81, 48.260, 120.021)

Have a look what the booklet for
CIELCh(81, 48.260, 120.021)
contains.

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Color

CIELCh(81, 48.263, 120.107)

Conversions

Conversions Part 1

Format	Color
Hex	B7D479
RGB	183, 212, 121
RGB Percent	72%, 83%, 47%
CMY	0.2827, 0.1690, 0.5258
CMYK	0.14, 0.00, 0.43, 0.17
HSL	79°, 51%, 65%
HSV	79°, 43%, 83%
XYZ	46.4693, 58.4711, 26.8963
YIQ	192.9550, 11.9270, -34.4490

Conversions

Conversions Part 2

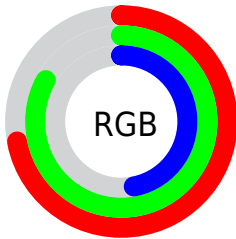
Format	Color
RYB	121, 212, 150
Decimal	12047481
CIELab	81.00, -24.21, 41.75
CIELCh	81, 48.263, 120.107
Yxy	58.4711, 0.3525, 0.4435
Android (android.graphics.Color)	4290237561 (0xFFB7D479)
YUV	192.9550, -35.4738, -8.7305
Hunter-Lab	76.4664, -25.3401, 32.6718

Details

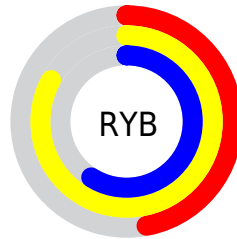
The CIELCh color **81, 48.263, 120.107** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **57, 52.771, 305.534**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 40.556, 115.294**, and **61, 48.134, 120.200** is the 20% darker color. If you saturate the color by 10%, you get **80, 58.662, 119.647**, and if you desaturate by 10%, it is **82, 37.355, 120.646**.

Distribution



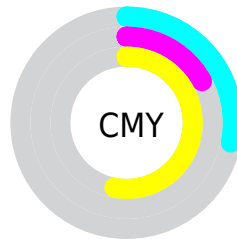
- Red (72%)
- Green (83%)
- Blue (47%)



- Red (47%)
- Yellow (83%)
- Blue (59%)



- Cyan (14%)
- Magenta (0%)
- Yellow (43%)
- Black (17%)





- Cyan (28%)
- Magenta (17%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 48.263, 120.107 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 81, 48.263, 120.107 by changing the saturation by 10% instead.


 81, 48.263,
120.107


 81, 48.263,
120.107


 100, 48.263,
120.107


 71, 48.263,
120.107

 61, 48.263,
120.107

 51, 48.263,
120.107

 41, 48.263,
120.107

 31, 48.263,
120.107

 21, 48.263,
120.107

 11, 48.263,

120.107

■ 1, 48.263, 120.107

■ 0, 48.263, 120.107

■ 81, 48.263,
120.107

■ 81, 48.263,
120.107

■ 80, 58.662,
119.647

■ 82, 37.355,
120.646

■ 80, 68.237,
119.325

■ 83, 26.146,
121.216

■ 79, 76.559,
119.235

■ 84, 14.780,
121.790

■ 79, 83.116,
119.489

■ 85, 3.353, 122.362

■ 78, 87.493,

■ 86, 8.068, 302.870

120.191

87, 19.436,
303.377

78, 89.487,
120.909

88, 23.504,
307.241

88, 24.209,
312.575

89, 25.109,
317.634

Harmonies

Complementary

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



81, 48.263, 120.107



57, 52.771, 305.534

Rectangle

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



81, 48.263, 120.107



81, 48.263, 170.107



81, 48.263, 300.107



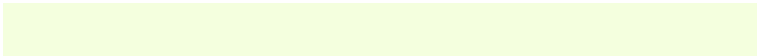
81, 48.263, 350.107

Sweetspot

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



81, 48.265, 120.109



98, 17.252, 121.779



67, 31.570, 50.964



52, 12.069, 121.651



0, 0.000, 0.000



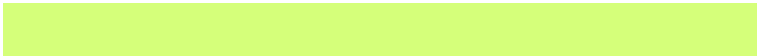
53, 0.007, 296.813

Same Dimension

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



81, 48.265, 120.109



95, 67.003, 119.662



78, 55.270, 136.815



45, 6.539, 121.990



64, 76.110, 120.687



16, 26.237, 121.484

Inverse Universe

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



57, 52.771, 305.534



61, 75.122, 306.374



62, 56.151, 321.187



42, 6.660, 303.041



23, 95.810, 308.632



2, 28.127, 302.131

Previews

White Background



This preview shows how the CIELCh color 81, 48.263, 120.107 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 81, 48.263, 120.107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

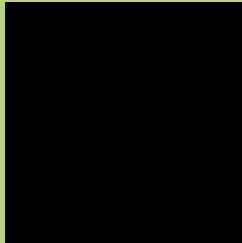
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 48.263, 120.107

Background



This preview shows how black text looks on a background with the CIELCh color 81, 48.263, 120.107.



This preview shows how white text looks on a background with the CIELCh color 81, 48.263, 120.107.

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](#).

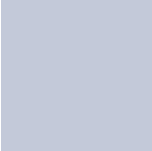
Dichromacy



Original Color
81, 48.263, 120.107

Protanopia
81, 44.404, 95.827

Deuteranopia
81, 41.159, 76.071



Tritanopia
81, 8.721, 276.982

Trichromacy



Original Color
81, 48.263, 120.107

Protanomaly
81, 44.960, 105.064

Deuteranomaly
81, 40.340, 93.391

Tritanomaly
81, 13.290, 132.309

Monochromacy



Original Color
81, 48.263, 120.107

Achromatopsia
78, 0.009, 296.813

Achromatomaly
79, 18.016, 122.154

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 48.263, 120.107 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, 212, 121)` looks like.

```
.text, #text, p{  
    color:rgb(183, 212, 121)  
}
```

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, 212, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 212, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 48.263, 120.107 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, 212, 121) }
```

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

```
.border{ border-color:rgb(183, 212, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 212, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 212, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 212, 121);  
box-shadow:4px 4px 4px 4px rgb(183, 212,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 48.263, 120.107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 212, 121) }
```

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

```
.background{ background-color: rgb(183,  
212, 121) }
```

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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