

Converting Colors

CIELCh(81, 48.459, 127.142)

Have a look what the booklet for
CIELCh(81, 48.459, 127.142)
contains.

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Color

CIELCh(81, 48.081, 126.957)

Conversions

Conversions Part 1

Format	Color
Hex	ABD67F
RGB	171, 214, 127
RGB Percent	67%, 84%, 50%
CMY	0.3283, 0.1596, 0.5009
CMYK	0.20, 0.00, 0.41, 0.16
HSL	90°, 52%, 67%
HSV	90°, 41%, 84%
XYZ	44.8265, 58.4711, 29.0954
YIQ	191.2250, 2.2990, -36.1730

Conversions

Conversions Part 2

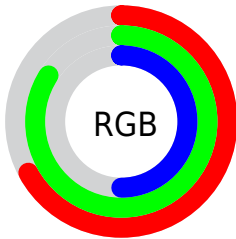
Format	Color
RYB	127, 214, 170
Decimal	11261567
CIELab	81.00, -28.91, 38.42
CIELCh	81, 48.081, 126.957
Yxy	58.4711, 0.3386, 0.4416
Android (android.graphics.Color)	4289451647 (0xFFABD67F)
YUV	191.2250, -31.6629, -17.7373
Hunter-Lab	76.4664, -29.1751, 30.9667

Details

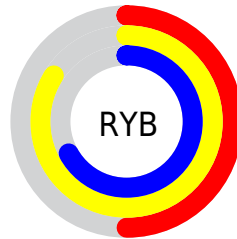
The CIELCh color **81, 48.081, 126.957** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **61, 51.032, 310.923**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 38.668, 122.665**, and **61, 48.063, 126.929** is the 20% darker color. If you saturate the color by 10%, you get **80, 59.266, 126.530**, and if you desaturate by 10%, it is **82, 36.463, 127.437**.

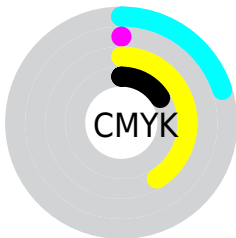
Distribution



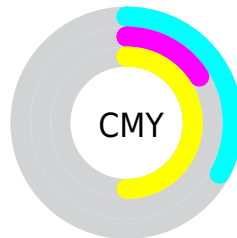
- Red (67%)
- Green (84%)
- Blue (50%)



- Red (50%)
- Yellow (84%)
- Blue (67%)



- Cyan (20%)
- Magenta (0%)
- Yellow (41%)
- Black (16%)



- Cyan (33%)
- Magenta (16%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 48.081, 126.957 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, 48.081, 126.957 by changing the saturation by 10% instead.

■ 81, 48.081,
126.957

■ 81, 48.081,
126.957

■ 100, 48.081,
126.957

■ 71, 48.081,
126.957

■ 61, 48.081,
126.957

■ 51, 48.081,
126.957

■ 41, 48.081,
126.957

■ 31, 48.081,
126.957

■ 21, 48.081,
126.957

■ 11, 48.081,

126.957

■ 1, 48.081, 126.957

■ 0, 48.081, 126.957

■ 81, 48.081,
126.957

■ 81, 48.081,
126.957

■ 80, 59.266,
126.530

■ 82, 36.463,
127.437

■ 79, 69.718,
126.214

■ 83, 24.609,
127.926

■ 79, 79.033,
126.106

■ 84, 12.660,
128.404

■ 78, 86.704,
126.328

■ 86, 0.715, 129.012

■ 77, 92.259,

■ 87, 11.158,
309.242

127.002

88, 22.489,
309.963

77, 95.645,
128.014

89, 23.863,
318.438

90, 25.501,
325.313

Harmonies

Complementary

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



81, 48.081, 126.957



61, 51.032, 310.923

Rectangle

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



81, 48.081, 126.957



81, 48.081, 176.957



81, 48.081, 306.957



81, 48.081, 356.957

Sweetspot

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



81, 48.083, 126.958



98, 16.496, 128.333



72, 30.034, 68.642



52, 10.943, 128.271



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, 48.083, 126.958



94, 66.179, 126.574



79, 55.620, 140.981



45, 6.769, 128.460



63, 80.584, 127.757



15, 27.697, 128.763

Inverse Universe

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



61, 51.032, 310.923



65, 71.289, 311.405



65, 55.569, 326.116



42, 6.863, 309.280



26, 92.490, 311.832



3, 28.936, 308.179

Previews

White Background



This preview shows how the CIELCh color 81, 48.081, 126.957 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 81, 48.081, 126.957 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, 48.081, 126.957

Background



This preview shows how black text looks on a background with the CIELCh color 81, 48.081, 126.957.



This preview shows how white text looks on a background with the CIELCh color 81, 48.081, 126.957.

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, 48.081, 126.957

Protanopia
81, 41.871, 96.066

Deuteranopia
81, 38.194, 74.691



Tritanopia
81, 10.817, 256.061

Trichromacy



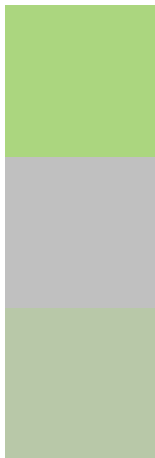
Original Color
81, 48.081, 126.957

Protanomaly
81, 42.496, 108.581

Deuteranomaly
80, 37.265, 96.583

Tritanomaly
81, 15.004, 150.455

Monochromacy



Original Color
81, 48.081, 126.957

Achromatopsia
78, 0.009, 296.813

Achromatomaly
79, 18.089, 128.356

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 48.081, 126.957 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(171, 214, 127)` looks like.

```
.text, #text, p{  
    color:rgb(171, 214, 127)  
}
```

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(171, 214, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 214, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 48.081, 126.957 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(171, 214, 127) }
```

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

```
.border{ border-color:rgb(171, 214, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 214, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 214, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 214, 127);  
box-shadow:4px 4px 4px 4px rgb(171, 214,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 48.081, 126.957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 214, 127) }
```

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

```
.background{ background-color: rgb(171,  
214, 127) }
```

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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