

Converting Colors

CIELCh(82, 48.640, 127.196)

Have a look what the booklet for
CIELCh(82, 48.640, 127.196)
contains.

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Color

CIELCh(82, 48.583, 127.166)

Conversions

Conversions Part 1

Format	Color
Hex	ADD981
RGB	173, 217, 129
RGB Percent	68%, 85%, 51%
CMY	0.3204, 0.1478, 0.4930
CMYK	0.20, 0.00, 0.41, 0.15
HSL	90°, 54%, 68%
HSV	90°, 41%, 85%
XYZ	46.1760, 60.2982, 30.0750
YIQ	193.8120, 2.0240, -36.6960

Conversions

Conversions Part 2

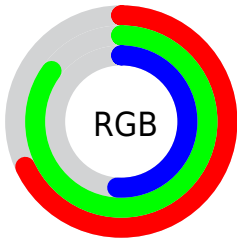
Format	Color
RYB	129, 217, 173
Decimal	11393409
CIELab	82.00, -29.35, 38.72
CIElCh	82, 48.583, 127.166
Yxy	60.2982, 0.3382, 0.4416
Android (android.graphics.Color)	4289583489 (0xFFADD981)
YUV	193.8120, -31.9523, -18.2521
Hunter-Lab	77.6519, -29.7451, 31.3930

Details

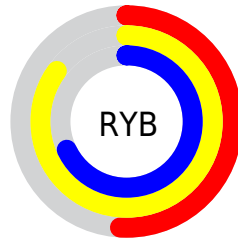
The CIELCh color **82, 48.583, 127.166** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **61, 51.516, 311.103**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 37.506, 122.020**, and **62, 48.572, 127.147** is the 20% darker color. If you saturate the color by 10%, you get **81, 59.919, 126.737**, and if you desaturate by 10%, it is **83, 36.810, 127.646**.

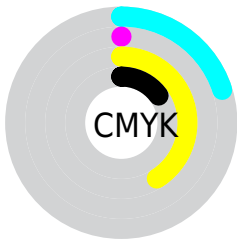
Distribution



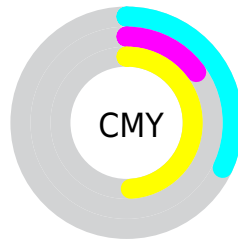
- Red (68%)
- Green (85%)
- Blue (51%)



- Red (51%)
- Yellow (85%)
- Blue (68%)



- Cyan (20%)
- Magenta (0%)
- Yellow (41%)
- Black (15%)





- Cyan (32%)
- Magenta (15%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 48.583, 127.166 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 82, 48.583, 127.166 by changing the saturation by 10% instead.


 82, 48.583,
127.166


 82, 48.583,
127.166


 100, 48.583,
127.166


 72, 48.583,
127.166

 62, 48.583,
127.166

 52, 48.583,
127.166

 42, 48.583,
127.166

 32, 48.583,
127.166

 22, 48.583,
127.166

 12, 48.583,

127.166

■ 2, 48.583, 127.166

■ 0, 48.583, 127.166

■ 82, 48.583,
127.166

■ 82, 48.583,
127.166

■ 81, 59.919,
126.737

■ 83, 36.810,
127.646

■ 80, 70.516,
126.419

■ 84, 24.800,
128.135

■ 79, 79.964,
126.307

■ 85, 12.697,
128.612

■ 79, 87.747,
126.525

■ 87, 0.599, 129.256

■ 78, 93.389,

■ 88, 11.422,
309.445

127.195

90, 21.031,
311.851

78, 96.850,
128.219

90, 22.590,
320.976

91, 23.600,
325.246

Harmonies

Complementary

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



82, 48.583, 127.166



61, 51.516, 311.103

Rectangle

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



82, 48.583, 127.166



82, 48.583, 177.166



82, 48.583, 307.166



82, 48.583, 357.166

Sweetspot

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



82, 48.585, 127.167



98, 16.518, 128.537



73, 30.294, 68.651



52, 10.958, 128.474



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



82, 48.585, 127.167



94, 66.282, 126.779



80, 56.117, 140.988



46, 6.910, 128.662



63, 81.638, 127.967



16, 29.301, 128.414

Inverse Universe

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



61, 51.516, 311.103



65, 71.321, 311.582



66, 56.066, 326.112



43, 7.005, 309.480



27, 93.406, 311.950



3, 31.241, 309.399

Previews

White Background



This preview shows how the CIELCh color 82, 48.583, 127.166 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 82, 48.583, 127.166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

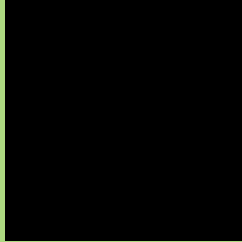
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 48.583, 127.166

Background



This preview shows how black text looks on a background with the CIELCh color 82, 48.583, 127.166.

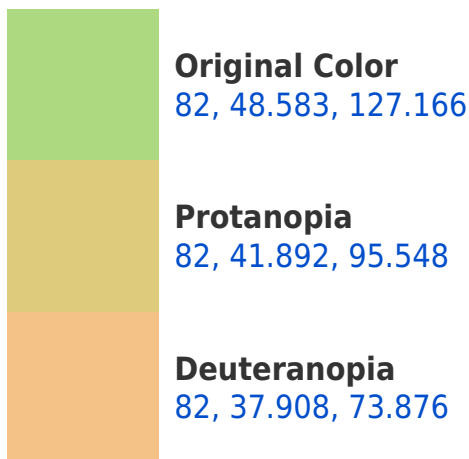


This preview shows how white text looks on a background with the CIELCh color 82, 48.583, 127.166.

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
82, 10.977, 254.566

Trichromacy



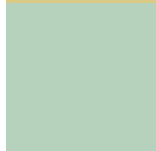
Original Color
82, 48.583, 127.166



Protanomaly
82, 42.436, 108.611



Deuteranomaly
81, 36.703, 96.543

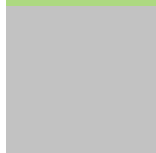


Tritanomaly
82, 15.207, 151.436

Monochromacy



Original Color
82, 48.583, 127.166



Achromatopsia
78, 0.009, 296.813



Achromatomaly
79, 18.056, 128.363

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 48.583, 127.166 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(173, 217, 129)` looks like.

```
.text, #text, p{  
    color:rgb(173, 217, 129)  
}
```

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(173, 217, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 217, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 48.583, 127.166 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(173, 217, 129) }
```

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

```
.border{ border-color:rgb(173, 217, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 217, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 217, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 217, 129);  
box-shadow:4px 4px 4px 4px rgb(173, 217,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 48.583, 127.166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 217, 129) }
```

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

```
.background{ background-color: rgb(173,  
217, 129) }
```

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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