

Converting Colors

CIELCh(82, 50.613, 127.088)

Have a look what the booklet for
CIELCh(82, 50.613, 127.088)
contains.

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Color

CIELCh(82, 50.675, 127.089)

Conversions

Conversions Part 1

Format	Color
Hex	ACDA7E
RGB	172, 218, 126
RGB Percent	67%, 85%, 49%
CMY	0.3262, 0.1458, 0.5066
CMYK	0.21, 0.00, 0.42, 0.15
HSL	90°, 55%, 67%
HSV	90°, 42%, 85%
XYZ	45.7511, 60.2982, 28.9072
YIQ	193.7580, 2.1160, -38.3640

Conversions

Conversions Part 2

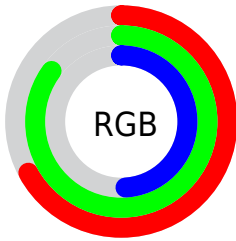
Format	Color
RYB	126, 218, 172
Decimal	11328126
CIELab	82.00, -30.56, 40.42
CIELCh	82, 50.675, 127.089
Yxy	60.2982, 0.3390, 0.4468
Android (android.graphics.Color)	4289518206 (0xFFACDA7E)
YUV	193.7580, -33.4047, -19.0818
Hunter-Lab	77.6519, -30.7219, 32.2847

Details

The CIELCh color **82, 50.675, 127.089** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **60, 53.885, 311.200**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 39.040, 121.933**, and **62, 50.660, 127.049** is the 20% darker color. If you saturate the color by 10%, you get **81, 61.929, 126.674**, and if you desaturate by 10%, it is **83, 38.939, 127.564**.

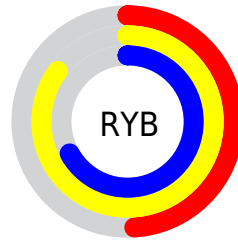
Distribution



Red (67%)

Green (85%)

Blue (49%)



Red (49%)

Yellow (85%)

Blue (67%)

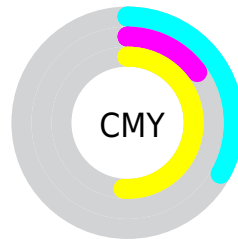


Cyan (21%)

Magenta (0%)

Yellow (42%)

Black (15%)



Cyan (33%)


Magenta (15%)


Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 50.675, 127.089 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, 50.675, 127.089 by changing the saturation by 10% instead.


 82, 50.675,
127.089

 82, 50.675,
127.089

 100, 50.675,
127.089

 72, 50.675,
127.089

 62, 50.675,
127.089

 52, 50.675,
127.089

 42, 50.675,
127.089

 32, 50.675,
127.089

 22, 50.675,
127.089

 12, 50.675,

127.089

■ 2, 50.675, 127.089

■ 0, 50.675, 127.089

■ 82, 50.675,
127.089

■ 82, 50.675,
127.089

■ 81, 61.929,
126.674

■ 83, 38.939,
127.564

■ 80, 72.379,
126.384

■ 84, 26.935,
128.053

■ 80, 81.594,
126.320

■ 85, 14.817,
128.533

■ 79, 89.049,
126.608

■ 87, 2.690, 129.021

■ 78, 94.298,

■ 88, 9.371, 309.377

127.366

90, 20.569,
310.436

78, 97.023,
128.224

90, 22.059,
319.860

91, 23.284,
325.235

Harmonies

Complementary

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



82, 50.675, 127.089



60, 53.885, 311.200

Rectangle

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



82, 50.675, 127.089



82, 50.675, 177.089



82, 50.675, 307.089



82, 50.675, 357.089

Sweetspot

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



82, 50.677, 127.090



98, 17.897, 128.491



73, 31.959, 70.137



52, 12.526, 128.386



0, 0.000, 0.000



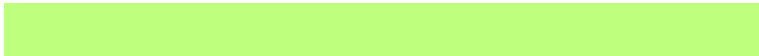
53, 0.007, 296.813

Same Dimension

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



82, 50.677, 127.090



93, 68.794, 126.703



80, 58.799, 141.172



46, 6.910, 128.664



63, 81.639, 127.970



16, 29.302, 128.416

Inverse Universe

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



60, 53.885, 311.200



64, 74.271, 311.688



66, 58.644, 326.685



43, 7.005, 309.482



27, 93.404, 311.951



3, 31.241, 309.402

Previews

White Background



This preview shows how the CIELCh color 82, 50.675, 127.089 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 82, 50.675, 127.089 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, 50.675, 127.089

Background



This preview shows how black text looks on a background with the CIELCh color 82, 50.675, 127.089.



This preview shows how white text looks on a background with the CIELCh color 82, 50.675, 127.089.

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, 11.170, 253.155

Trichromacy



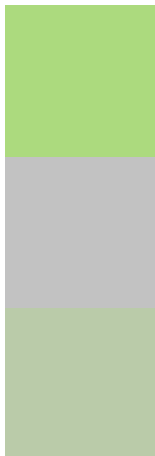
Original Color
82, 50.675, 127.089

Protanomaly
81, 44.403, 108.346

Deuteranomaly
81, 39.097, 97.542

Tritanomaly
82, 15.854, 151.084

Monochromacy



Original Color
82, 50.675, 127.089

Achromatopsia
78, 0.009, 296.813

Achromatomaly
80, 19.167, 128.320

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 50.675, 127.089 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(172, 218, 126)` looks like.

```
.text, #text, p{  
    color:rgb(172, 218, 126)  
}
```

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(172, 218, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 218, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 50.675, 127.089 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(172, 218, 126) }
```

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

```
.border{ border-color:rgb(172, 218, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 218, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 218, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 218, 126);  
box-shadow:4px 4px 4px 4px rgb(172, 218,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 50.675, 127.089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 218, 126) }
```

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

```
.background{ background-color: rgb(172,  
218, 126) }
```

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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