

Converting Colors

CIELCh(82, 56.234, 121.771)

Have a look what the booklet for
CIELCh(82, 56.234, 121.771)
contains.

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Color

CIELCh(82, 56.130, 121.815)

Conversions

Conversions Part 1

Format	Color
Hex	B2D96F
RGB	178, 217, 111
RGB Percent	70%, 85%, 44%
CMY	0.3016, 0.1486, 0.5644
CMYK	0.18, 0.00, 0.49, 0.15
HSL	82°, 58%, 64%
HSV	82°, 49%, 85%
XYZ	46.0914, 60.2982, 24.2726
YIQ	193.2550, 10.7820, -41.2340

Conversions

Conversions Part 2

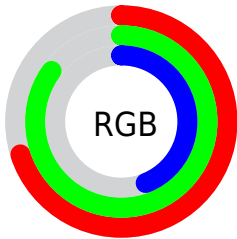
Format	Color
RYB	111, 217, 150
Decimal	11721071
CIELab	82.00, -29.59, 47.70
CIELCh	82, 56.130, 121.815
Yxy	60.2982, 0.3528, 0.4615
Android (android.graphics.Color)	4289911151 (0xFFB2D96F)
YUV	193.2550, -40.5517, -13.3786
Hunter-Lab	77.6519, -29.9396, 35.8233

Details

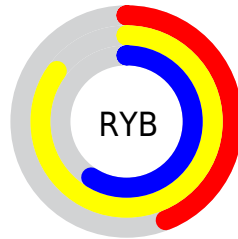
The CIELCh color **82, 56.130, 121.815** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **55, 61.811, 307.520**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 45.684, 116.502**, and **62, 56.257, 121.806** is the 20% darker color. If you saturate the color by 10%, you get **81, 66.428, 121.458**, and if you desaturate by 10%, it is **83, 45.145, 122.286**.

Distribution



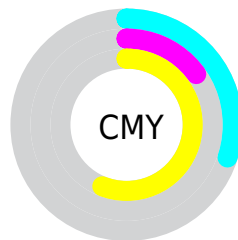
- Red (70%)
- Green (85%)
- Blue (44%)



- Red (44%)
- Yellow (85%)
- Blue (59%)



- Cyan (18%)
- Magenta (0%)
- Yellow (49%)
- Black (15%)



- Cyan (30%)
- Magenta (15%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 56.130, 121.815 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, 56.130, 121.815 by changing the saturation by 10% instead.

■ 82, 56.130,
121.815

■ 82, 56.130,
121.815

■ 100, 56.130,
121.815

■ 72, 56.130,
121.815

■ 62, 56.130,
121.815

■ 52, 56.130,
121.815

■ 42, 56.130,
121.815

■ 32, 56.130,
121.815

■ 22, 56.130,
121.815

■ 12, 56.130,

121.815

■ 2, 56.130, 121.815

■ 0, 56.130, 121.815

■ 82, 56.130,
121.815

■ 82, 56.130,
121.815

■ 81, 66.428,
121.458

■ 83, 45.145,
122.286

■ 81, 75.647,
121.296

■ 84, 33.743,
122.809

■ 80, 83.287,
121.440

■ 85, 22.110,
123.349

■ 80, 88.854,
122.010

■ 86, 10.373,
123.884

■ 79, 92.263,

■ 87, 1.384, 304.331

123.038

88, 13.099,
304.861

79, 92.610,
123.164

89, 20.686,
307.893

90, 21.610,
314.975

90, 22.834,
321.487

Harmonies

Complementary

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



82, 56.130, 121.815



55, 61.811, 307.520

Rectangle

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



82, 56.130, 121.815



82, 56.130, 171.815



82, 56.130, 301.815



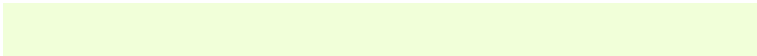
82, 56.130, 351.815

Sweetspot

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



82, 56.131, 121.817



98, 20.078, 123.548



68, 37.031, 55.742



52, 13.695, 123.433



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, 56.131, 121.817



94, 75.791, 121.439



79, 64.620, 137.605



46, 6.724, 123.852



64, 78.172, 122.922



17, 28.131, 123.198

Inverse Universe

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



55, 61.811, 307.520



57, 85.689, 308.323



61, 65.253, 322.945



43, 6.840, 304.823



24, 95.994, 309.367



3, 30.450, 304.527

Previews

White Background



This preview shows how the CIELCh color 82, 56.130, 121.815 looks on a white background.

Color Contrast Check

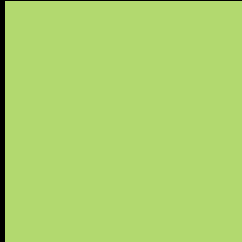
Large Text (above 18pt) WCAG AA × Fail

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, 56.130, 121.815 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, 56.130, 121.815

Background



This preview shows how black text looks on a background with the CIELCh color 82, 56.130, 121.815.



This preview shows how white text looks on a background with the CIELCh color 82, 56.130, 121.815.

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](#).

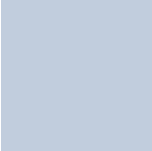
Dichromacy



Original Color
82, 56.130, 121.815

Protanopia
82, 51.088, 96.064

Deuteranopia
82, 46.993, 77.105



Tritanopia
82, 9.361, 264.516

Trichromacy



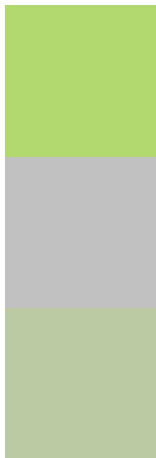
Original Color
82, 56.130, 121.815

Protanomaly
82, 51.556, 106.522

Deuteranomaly
81, 46.001, 94.980

Tritanomaly
82, 16.792, 136.699

Monochromacy



Original Color
82, 56.130, 121.815

Achromatopsia
78, 0.009, 296.813

Achromatomaly
79, 21.342, 122.985

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 56.130, 121.815 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(178, 217, 111)` looks like.

```
.text, #text, p{  
    color:rgb(178, 217, 111)  
}
```

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(178, 217, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 217, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 56.130, 121.815 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(178, 217, 111) }
```

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

```
.border{ border-color:rgb(178, 217, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 217, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 217, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 217, 111);  
box-shadow:4px 4px 4px 4px rgb(178, 217,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 56.130, 121.815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 217, 111) }
```

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

```
.background{ background-color: rgb(178,  
217, 111) }
```

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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