

Converting Colors

CIELCh(82, 62.152, 115.814)

Have a look what the booklet for
CIELCh(82, 62.152, 115.814)
contains.

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Color

CIELCh(82, 62.161, 116.017)

Conversions

Conversions Part 1

Format	Color
Hex	BBD85E
RGB	187, 216, 94
RGB Percent	73%, 85%, 37%
CMY	0.2678, 0.1540, 0.6324
CMYK	0.13, 0.00, 0.57, 0.15
HSL	74°, 61%, 61%
HSV	74°, 57%, 85%
XYZ	46.9144, 60.2982, 19.6925
YIQ	193.4210, 21.8780, -44.0900

Conversions

Conversions Part 2

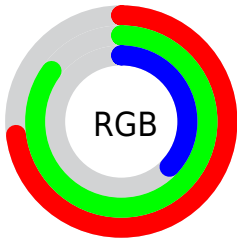
Format	Color
RYB	94, 216, 123
Decimal	12310622
CIELab	82.00, -27.27, 55.86
CIELCh	82, 62.161, 116.017
Yxy	60.2982, 0.3697, 0.4751
Android (android.graphics.Color)	4290500702 (0xFFBBD85E)
YUV	193.4210, -49.0146, -5.6312
Hunter-Lab	77.6519, -28.0477, 39.3204

Details

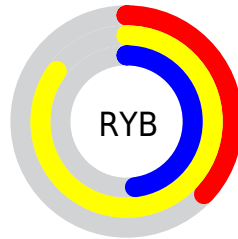
The CIELCh color **82, 62.161, 116.017** is a light color, and the websafe version is hex **99CC66**. The color can be described as light muted chartreuse. A complement of this color would be **48, 71.558, 304.554**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 53.211, 110.388**, and **62, 62.232, 115.972** is the 20% darker color. If you saturate the color by 10%, you get **81, 71.241, 115.685**, and if you desaturate by 10%, it is **83, 52.081, 116.514**.

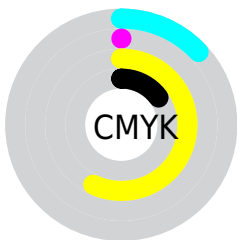
Distribution



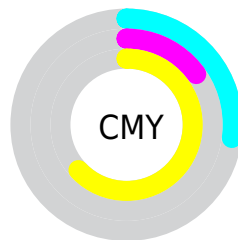
- Red (73%)
- Green (85%)
- Blue (37%)



- Red (37%)
- Yellow (85%)
- Blue (48%)



- Cyan (13%)
- Magenta (0%)
- Yellow (57%)
- Black (15%)





- Cyan (27%)
- Magenta (15%)
- Yellow (63%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 62.161, 116.017 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, 62.161, 116.017 by changing the saturation by 10% instead.


 82, 62.161,
116.017


 82, 62.161,
116.017


 100, 62.161,
116.017


 72, 62.161,
116.017

 62, 62.161,
116.017

 52, 62.161,
116.017

 42, 62.161,
116.017

 32, 62.161,
116.017

 22, 62.161,
116.017

 12, 62.161,

116.017

■ 2, 62.161, 116.017

■ 0, 62.161, 116.017

■ 82, 62.161,
116.017

■ 82, 62.161,
116.017

■ 81, 71.241,
115.685

■ 83, 52.081,
116.514

■ 81, 78.834,
115.604

■ 83, 41.363,
117.103

■ 81, 84.423,
115.877

■ 84, 30.258,
117.739

■ 80, 87.715,
116.574

■ 85, 18.933,
118.390

■ 80, 88.555,

■ 86, 7.499, 119.036

116.865

■ 87, 3.968, 299.650

■ 88, 15.417,
300.252

■ 88, 21.007,
302.989

■ 89, 21.420,
307.602

Harmonies

Complementary

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



82, 62.161, 116.017



48, 71.558, 304.554

Rectangle

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



82, 62.161, 116.017



82, 62.161, 166.017



82, 62.161, 296.017



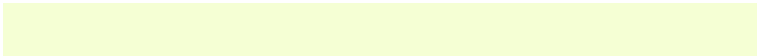
82, 62.161, 346.017

Sweetspot

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



82, 62.162, 116.019



98, 22.273, 118.350



61, 46.011, 43.024



52, 14.889, 118.218



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, 62.162, 116.019



94, 82.795, 115.644



79, 70.687, 133.759



45, 6.463, 118.852



65, 74.349, 116.666



16, 25.706, 117.545

Inverse Universe

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



48, 71.558, 304.554



49, 99.276, 305.897



55, 73.025, 319.051



41, 6.593, 300.068



22, 97.077, 307.653



2, 27.920, 299.931

Previews

White Background



This preview shows how the CIELCh color 82, 62.161, 116.017 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, 62.161, 116.017 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, 62.161, 116.017

Background



This preview shows how black text looks on a background with the CIELCh color 82, 62.161, 116.017.



This preview shows how white text looks on a background with the CIELCh color 82, 62.161, 116.017.

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](#).

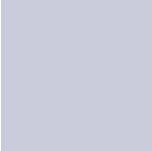
Dichromacy



Original Color
82, 62.161, 116.017

Protanopia
82, 58.519, 95.665

Deuteranopia
82, 55.239, 79.122



Tritanopia
82, 8.504, 286.183

Trichromacy



Original Color
82, 62.161, 116.017

Protanomaly
82, 58.896, 103.273

Deuteranomaly
82, 54.463, 93.530

Tritanomaly
82, 19.000, 122.500

Monochromacy



Original Color
82, 62.161, 116.017

Achromatopsia
78, 0.009, 296.813

Achromatomaly
79, 23.574, 117.619

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 62.161, 116.017 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(187, 216, 94)` looks like.

```
.text, #text, p{  
    color:rgb(187, 216, 94)  
}
```

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(187, 216, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 216, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 62.161, 116.017 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(187, 216, 94) }
```

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

```
.border{ border-color:rgb(187, 216, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 216, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 216, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 216, 94);  
box-shadow:4px 4px 4px 4px rgb(187, 216,  
94) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 62.161, 116.017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 216, 94) }
```

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

```
.background{ background-color: rgb(187,  
216, 94) }
```

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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