

Converting Colors

CIELCh(82, 21.858, 121.588)

Have a look what the booklet for
CIELCh(82, 21.858, 121.588)
contains.

CIELCh(82, 21.616, 121.679)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(82, 21.616, 121.679)

Conversions

Conversions Part 1

Format	Color
Hex	C4D1A9
RGB	196, 209, 169
RGB Percent	77%, 82%, 66%
CMY	0.2308, 0.1798, 0.3367
CMYK	0.06, 0.00, 0.19, 0.18
HSL	80°, 30%, 74%
HSV	80°, 19%, 82%
XYZ	52.8141, 60.2982, 46.4609
YIQ	200.5530, 5.0920, -15.1960

Conversions

Conversions Part 2

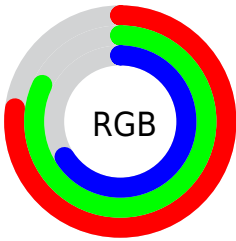
Format	Color
R_{YB}	169, 209, 182
Decimal	12898729
CIE _{Lab}	82.00, -11.35, 18.40
CIE _{LCh}	82, 21.616, 121.679
Yxy	60.2982, 0.3310, 0.3779
Android (android.graphics.Color)	4291088809 (0xFFC4D1A9)
YUV	200.5530, -15.5556, -3.9930
Hunter-Lab	77.6519, -14.4859, 18.8818

Details

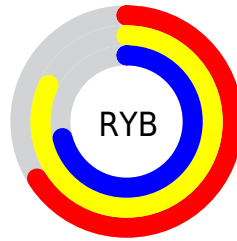
The CIELCh color **82, 21.616, 121.679** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **72, 22.402, 303.896**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 15.707, 111.656**, and **62, 21.743, 122.072** is the 20% darker color. If you saturate the color by 10%, you get **81, 32.796, 121.114**, and if you desaturate by 10%, it is **83, 10.326, 122.248**.

Distribution



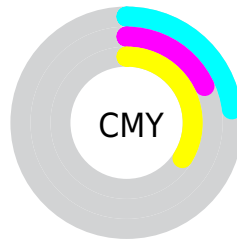
- Red (77%)
- Green (82%)
- Blue (66%)



- Red (66%)
- Yellow (82%)
- Blue (71%)



- Cyan (6%)
- Magenta (0%)
- Yellow (19%)
- Black (18%)





- Cyan (23%)
- Magenta (18%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 21.616, 121.679 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, 21.616, 121.679 by changing the saturation by 10% instead.


 82, 21.616,
121.679


 82, 21.616,
121.679


 100, 21.616,
121.679


 72, 21.616,
121.679

 62, 21.616,
121.679

 52, 21.616,
121.679

 42, 21.616,
121.679

 32, 21.616,
121.679

 22, 21.616,
121.679

 12, 21.616,

121.679

■ 2, 21.616, 121.679

■ 0, 21.616, 121.679

■ 82, 21.616,
121.679

■ 82, 21.616,
121.679

■ 81, 32.796,
121.114

■ 83, 10.326,
122.248

■ 80, 43.740,
120.565

■ 84, 0.996, 302.726

■ 80, 54.270,
120.072

■ 85, 12.291,
303.297

■ 79, 64.119,
119.692

■ 86, 23.517,
303.783

■ 78, 72.909,

■ 87, 25.190,
308.464

119.505

87, 25.929,
313.458

78, 80.154,
119.618

88, 26.851,
318.204

77, 85.375,
120.145

89, 27.941,
322.663

77, 88.539,
121.106

89, 28.742,
325.425

77, 88.783,
121.193

Harmonies

Complementary

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



82, 21.616, 121.679



72, 22.402, 303.896

Rectangle

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



82, 21.616, 121.679



82, 21.616, 171.679



82, 21.616, 301.679



82, 21.616, 351.679

Sweetspot

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



82, 21.618, 121.682



99, 7.968, 122.420



76, 12.707, 52.254



53, 5.286, 122.383



0, 0.000, 0.000



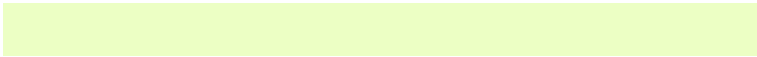
53, 0.007, 296.813

Same Dimension

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



82, 21.618, 121.682



97, 30.492, 121.446



81, 24.530, 138.355



44, 6.417, 122.232



63, 75.407, 120.964



14, 24.734, 122.373

Inverse Universe

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



72, 22.402, 303.896



83, 31.860, 304.184



73, 24.735, 320.158



41, 6.534, 303.269



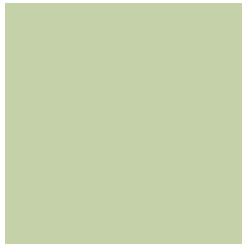
22, 94.631, 308.733



2, 26.038, 301.546

Previews

White Background



This preview shows how the CIELCh color 82, 21.616, 121.679 looks on a white background.

Color Contrast Check

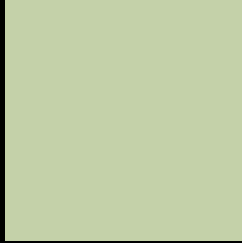
Large Text (above 18pt) WCAG AA × Fail

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, 21.616, 121.679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

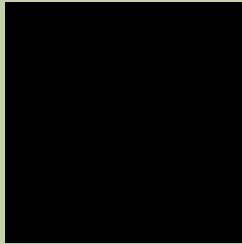
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 21.616, 121.679

Background



This preview shows how black text looks on a background with the CIELCh color 82, 21.616, 121.679.

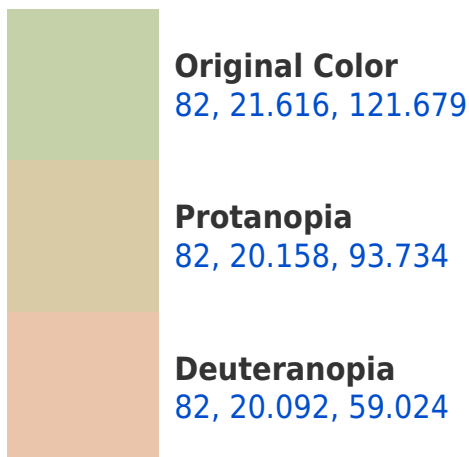


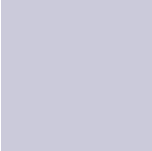
This preview shows how white text looks on a background with the CIELCh color 82, 21.616, 121.679.

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](#).

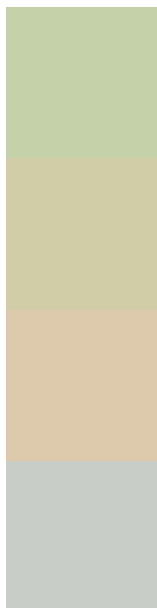
Dichromacy





Tritanopia
82, 8.506, 293.307

Trichromacy



Original Color
82, 21.616, 121.679

Protanomaly
82, 20.046, 103.925

Deuteranomaly
82, 17.698, 82.474

Tritanomaly
82, 3.030, 138.775

Monochromacy



Original Color
82, 21.616, 121.679

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 8.160, 122.662

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 21.616, 121.679 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(196, 209, 169)` looks like.

```
.text, #text, p{  
    color:rgb(196, 209, 169)  
}
```

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(196, 209, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 209, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 21.616, 121.679 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(196, 209, 169) }
```

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

```
.border{ border-color:rgb(196, 209, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 209, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 209, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 209, 169); box-shadow:4px 4px 4px 4px rgb(196, 209, 169) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 21.616, 121.679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 209, 169) }
```

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

```
.background{ background-color: rgb(196,  
209, 169) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor