

Converting Colors

CIELCh(84, 33.861, 122.765)

Have a look what the booklet for
CIELCh(84, 33.861, 122.765)
contains.

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Color

CIELCh(84, 33.916, 122.694)

Conversions

Conversions Part 1

Format	Color
Hex	C3DA9B
RGB	195, 218, 155
RGB Percent	76%, 85%, 61%
CMY	0.2356, 0.1453, 0.3924
CMYK	0.11, 0.00, 0.29, 0.15
HSL	82°, 46%, 73%
HSV	82°, 29%, 85%
XYZ	53.4537, 64.0658, 40.5314
YIQ	203.9410, 6.5150, -24.4690

Conversions

Conversions Part 2

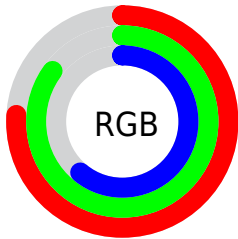
Format	Color
RYB	155, 218, 178
Decimal	12835483
CIELab	84.00, -18.32, 28.54
CIElCh	84, 33.916, 122.694
Yxy	64.0658, 0.3382, 0.4053
Android (android.graphics.Color)	4291025563 (0xFFC3DA9B)
YUV	203.9410, -24.1279, -7.8413
Hunter-Lab	80.0411, -20.8645, 26.0054

Details

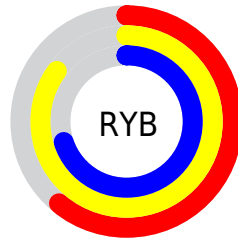
The CIELCh color **84, 33.916, 122.694** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **68, 35.750, 305.957**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 22.766, 111.263**, and **64, 33.959, 122.376** is the 20% darker color. If you saturate the color by 10%, you get **83, 45.345, 122.172**, and if you desaturate by 10%, it is **85, 22.257, 123.238**.

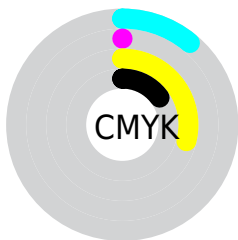
Distribution



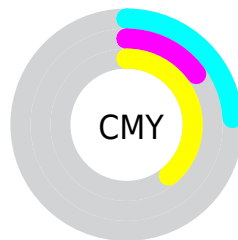
- Red (76%)
- Green (85%)
- Blue (61%)



- Red (61%)
- Yellow (85%)
- Blue (70%)



- Cyan (11%)
- Magenta (0%)
- Yellow (29%)
- Black (15%)



- Cyan (24%)
- Magenta (15%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 33.916, 122.694 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 84, 33.916, 122.694 by changing the saturation by 10% instead.


 84, 33.916,
122.694

 84, 33.916,
122.694

 100, 33.916,
122.694

 74, 33.916,
122.694

 64, 33.916,
122.694

 54, 33.916,
122.694


 44, 33.916,
122.694

 34, 33.916,
122.694


 24, 33.916,
122.694

 14, 33.916,


122.694


 4, 33.916, 122.694


 0, 33.916, 122.694


 84, 33.916,
122.694


 84, 33.916,
122.694

 83, 45.345,
122.172


 85, 22.257,
123.238


 82, 56.353,
121.702

 86, 10.490,
123.775


 82, 66.666,
121.343

 87, 1.298, 304.221

 81, 75.892,
121.181

 88, 13.045,
304.758

 80, 83.530,

 89, 20.241,
308.112

121.327

90, 21.177,
315.308

80, 89.082,
121.900

91, 22.416,
321.903

79, 92.474,
122.928

91, 23.209,
325.233

79, 92.796,
123.046

Harmonies

Complementary

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



84, 33.916, 122.694



68, 35.750, 305.957

Rectangle

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



84, 33.916, 122.694



84, 33.916, 172.694



84, 33.916, 302.694



84, 33.916, 352.694

Sweetspot

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



84, 33.918, 122.696



99, 12.040, 123.766



75, 20.519, 55.383



53, 8.367, 123.688



0, 0.000, 0.000



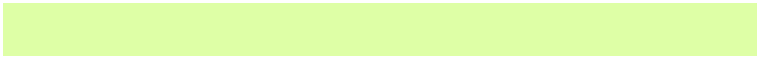
53, 0.007, 296.813

Same Dimension

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



84, 33.918, 122.696



96, 46.469, 122.356



82, 38.749, 138.668



46, 6.720, 123.747



64, 78.101, 122.801



17, 28.108, 123.076

Inverse Universe

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



68, 35.750, 305.957



74, 49.640, 306.415



71, 39.113, 321.614



43, 6.837, 304.723



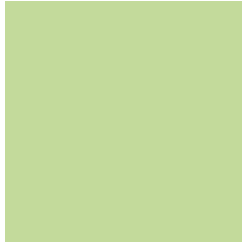
24, 96.046, 309.322



3, 30.437, 304.435

Previews

White Background



This preview shows how the CIELCh color 84, 33.916, 122.694 looks on a white background.

Color Contrast Check

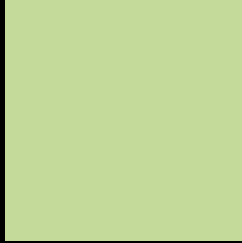
Large Text (above 18pt) WCAG AA × Fail

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 84, 33.916, 122.694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

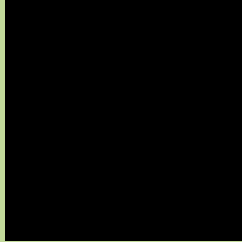
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 33.916, 122.694

Background



This preview shows how black text looks on a background with the CIELCh color 84, 33.916, 122.694.

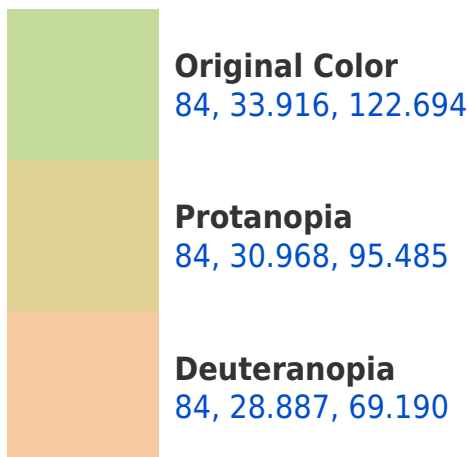


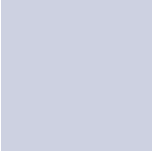
This preview shows how white text looks on a background with the CIELCh color 84, 33.916, 122.694.

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](#).

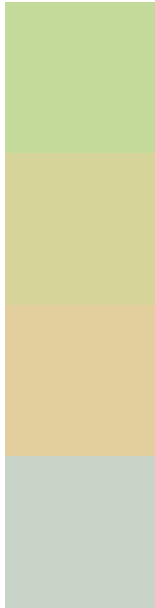
Dichromacy





Tritanopia
84, 8.532, 281.484

Trichromacy



Original Color
84, 33.916, 122.694

Protanomaly
84, 31.222, 105.979

Deuteranomaly
84, 26.925, 90.611

Tritanomaly
84, 7.521, 141.924

Monochromacy



Original Color
84, 33.916, 122.694

Achromatopsia
82, 0.010, 296.813

Achromatomaly
83, 12.490, 123.010

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 33.916, 122.694 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(195, 218, 155)` looks like.

```
.text, #text, p{  
    color:rgb(195, 218, 155)  
}
```

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(195, 218, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 218, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 33.916, 122.694 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(195, 218, 155) }
```

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

```
.border{ border-color:rgb(195, 218, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 218, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 218, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 218, 155);  
box-shadow:4px 4px 4px 4px rgb(195, 218,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 33.916, 122.694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 218, 155) }
```

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

```
.background{ background-color: rgb(195,  
218, 155) }
```

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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