

Converting Colors

CIELCh(84, 7.833, 121.418)

Have a look what the booklet for
CIELCh(84, 7.833, 121.418) contains.

CIELCh(84, 7.511, 120.886)	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(84, 7.511, 120.886)

Conversions

Conversions Part 1

Format	Color
Hex	CFD3C5
RGB	207, 211, 197
RGB Percent	81%, 83%, 77%
CMY	0.1872, 0.1715, 0.2264
CMYK	0.02, 0.00, 0.07, 0.17
HSL	77°, 14%, 80%
HSV	77°, 7%, 83%
XYZ	59.2731, 64.0658, 62.2218
YIQ	208.2080, 2.1100, -5.2020

Conversions

Conversions Part 2

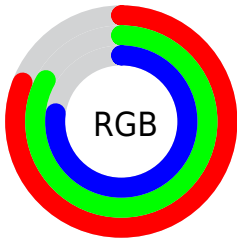
Format	Color
RYB	197, 211, 201
Decimal	13620165
CIELab	84.00, -3.86, 6.45
CIELCh	84, 7.511, 120.886
Yxy	64.0658, 0.3194, 0.3453
Android (android.graphics.Color)	4291810245 (0xFFCFD3C5)
YUV	208.2080, -5.5255, -1.0594
Hunter-Lab	80.0411, -7.8867, 9.9383

Details

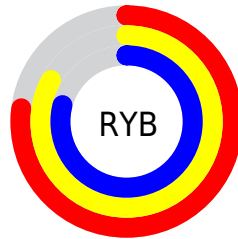
The CIELCh color $84, 7.511, 120.886$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $80, 7.623, 301.661$, and the grayscale version is $84, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.496, 109.985$, and $64, 7.937, 120.761$ is the 20% darker color. If you saturate the color by 10%, you get $83, 18.836, 120.296$, and if you desaturate by 10%, it is $85, 3.833, 301.450$.

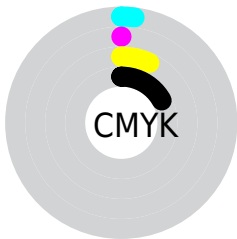
Distribution



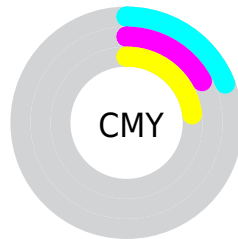
- Red (81%)
- Green (83%)
- Blue (77%)



- Red (77%)
- Yellow (83%)
- Blue (79%)



- Cyan (2%)
- Magenta (0%)
- Yellow (7%)
- Black (17%)



- Cyan (19%)
- Magenta (17%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 7.511, 120.886 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, 7.511, 120.886 by changing the saturation by 10% instead.

■ 84, 7.511, 120.886

■ 84, 7.511, 120.886

■ 100, 7.511,
120.886

■ 74, 7.511, 120.886

■ 64, 7.511, 120.886

■ 54, 7.511, 120.886

■ 44, 7.511, 120.886

■ 34, 7.511, 120.886

■ 24, 7.511, 120.886

■ 14, 7.511, 120.886

■ 4, 7.511, 120.886

■ 0, 7.511, 120.886

84, 7.511, 120.886

84, 7.511, 120.886

83, 18.836,
120.296

85, 3.833, 301.450

82, 30.060,
119.693

86, 15.151,
302.004

81, 41.075,
119.105

87, 23.510,
303.696

81, 51.718,
118.562

87, 24.011,
308.529

80, 61.743,
118.116

88, 24.671,
313.190

80, 70.796,
117.838

88, 25.484,
317.633

79, 78.406,
117.824

89, 26.437,
321.825

79, 84.067,
118.185

89, 27.409,
325.379

■ 78, 87.496,
118.996

Harmonies

Complementary

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



84, 7.511, 120.886



80, 7.623, 301.661

Rectangle

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



84, 7.511, 120.886



84, 7.511, 170.886



84, 7.511, 300.886



84, 7.511, 350.886

Sweetspot

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



84, 7.513, 120.894



100, 2.632, 121.175



82, 4.260, 48.986



53, 1.496, 121.182



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, 7.513, 120.894



99, 10.563, 120.807



83, 8.436, 138.040



44, 6.378, 120.729



63, 74.518, 119.094



15, 24.465, 120.504

Inverse Universe

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



80, 7.623, 301.661



94, 10.742, 301.754



81, 8.480, 318.573



41, 6.500, 301.840



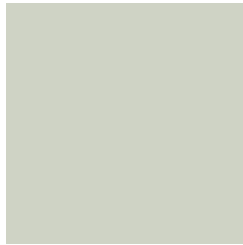
22, 95.276, 308.209



2, 25.941, 300.444

Previews

White Background



This preview shows how the CIELCh color 84, 7.511, 120.886 looks on a white background.

Color Contrast Check

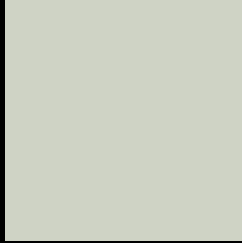
Large Text (above 18pt) WCAG AA × Fail

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 84, 7.511, 120.886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

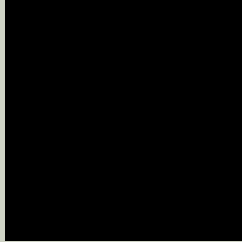
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

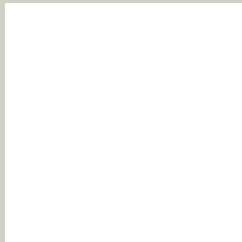
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 7.511, 120.886

Background



This preview shows how black text looks on a background with the CIELCh color 84, 7.511, 120.886.

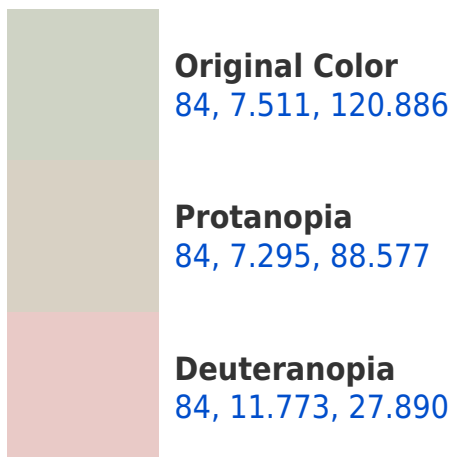


This preview shows how white text looks on a background with the CIELCh color 84, 7.511, 120.886.

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, 9.111, 299.847

Trichromacy



Original Color
84, 7.511, 120.886

Protanomaly
84, 7.424, 100.877

Deuteranomaly
84, 8.005, 47.103

Tritanomaly
84, 2.673, 298.147

Monochromacy



Original Color
84, 7.511, 120.886

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 2.653, 117.839

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 7.511, 120.886 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(207, 211, 197)` looks like.

```
.text, #text, p{  
    color:rgb(207, 211, 197)  
}
```

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(207, 211, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 211, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 7.511, 120.886 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(207, 211, 197) }
```

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

```
.border{ border-color:rgb(207, 211, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 211, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 211, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 211, 197);  
box-shadow:4px 4px 4px 4px rgb(207, 211,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 7.511, 120.886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 211, 197) }
```

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

```
.background{ background-color: rgb(207,  
211, 197) }
```

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