

Converting Colors

CIELCh(84, 9.385, 113.487)

Have a look what the booklet for
CIELCh(84, 9.385, 113.487) contains.

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Color

CIELCh(84, 9.481, 113.866)

Conversions

Conversions Part 1

Format	Color
Hex	D1D3C1
RGB	209, 211, 193
RGB Percent	82%, 83%, 76%
CMY	0.1800, 0.1721, 0.2427
CMYK	0.01, 0.00, 0.09, 0.17
HSL	67°, 17%, 79%
HSV	67°, 9%, 83%
XYZ	59.2813, 64.0658, 59.7533
YIQ	208.3500, 4.5860, -6.0220

Conversions

Conversions Part 2

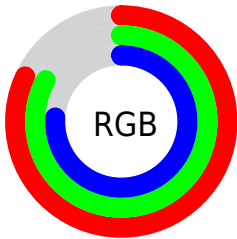
Format	Color
RYB	193, 211, 195
Decimal	13751233
CIELab	84.00, -3.84, 8.67
CIELCh	84, 9.481, 113.866
Yxy	64.0658, 0.3238, 0.3499
Android (android.graphics.Color)	4291941313 (0xFFD1D3C1)
YUV	208.3500, -7.5676, 0.5700
Hunter-Lab	80.0411, -7.8685, 11.7668

Details

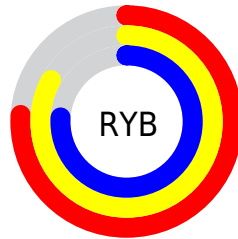
The CIELCh color **84, 9.481, 113.866** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79, 9.674, 295.264**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 3.032, 109.926**, and **64, 10.012, 113.651** is the 20% darker color. If you saturate the color by 10%, you get **83, 20.553, 113.072**, and if you desaturate by 10%, it is **85, 1.649, 294.678**.

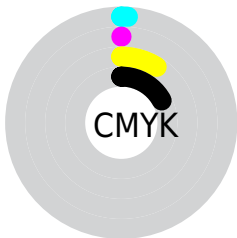
Distribution



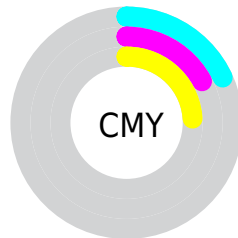
- Red (82%)
- Green (83%)
- Blue (76%)



- Red (76%)
- Yellow (83%)
- Blue (76%)



- Cyan (1%)
- Magenta (0%)
- Yellow (9%)
- Black (17%)



- Cyan (18%)
- Magenta (17%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 9.481, 113.866 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, 9.481, 113.866 by changing the saturation by 10% instead.

■ 84, 9.481, 113.866

■ 84, 9.481, 113.866

■ 100, 9.481,
113.866

■ 74, 9.481, 113.866

■ 64, 9.481, 113.866

■ 54, 9.481, 113.866

■ 44, 9.481, 113.866

■ 34, 9.481, 113.866

■ 24, 9.481, 113.866

■ 14, 9.481, 113.866

■ 4, 9.481, 113.866

■ 0, 9.481, 113.866

84, 9.481, 113.866

84, 9.481, 113.866

83, 20.553,
113.072

85, 1.649, 294.678

83, 31.484,
112.269

85, 12.791,
295.429

82, 42.159,
111.486

86, 23.156,
296.242

82, 52.398,
110.752

86, 23.233,
298.174

81, 61.931,
110.110

87, 23.336,
300.101

81, 70.367,
109.613

87, 23.464,
302.019

81, 77.205,
109.331

87, 23.617,
303.923

81, 81.946,
109.332

87, 23.796,
305.811

■ 80, 84.485,
109.638

■ 87, 23.998,
307.677

Harmonies

Complementary

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



84, 9.481, 113.866



79, 9.674, 295.264

Rectangle

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



84, 9.481, 113.866



84, 9.481, 163.866



84, 9.481, 293.866



84, 9.481, 343.866

Sweetspot

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



84, 9.483, 113.874



100, 3.884, 114.306



80, 6.130, 28.732



53, 2.946, 114.243



0, 0.000, 0.000



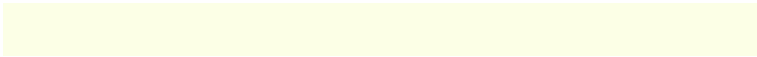
53, 0.007, 296.813

Same Dimension

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



84, 9.483, 113.874



99, 12.958, 113.748



83, 10.313, 132.141



44, 6.259, 113.805



65, 71.605, 109.588



15, 23.633, 111.281

Inverse Universe

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



79, 9.674, 295.264



92, 13.260, 295.406



79, 10.418, 312.824



40, 6.396, 295.342



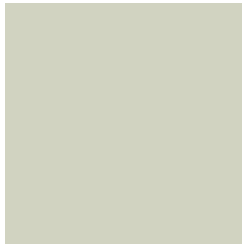
20, 97.377, 306.700



2, 25.656, 296.036

Previews

White Background



This preview shows how the CIELCh color 84, 9.481, 113.866 looks on a white background.

Color Contrast Check

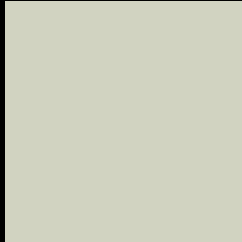
Large Text (above 18pt) WCAG AA × Fail

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, 9.481, 113.866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

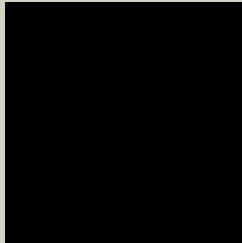
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

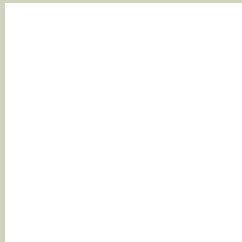
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 9.481, 113.866

Background



This preview shows how black text looks on a background with the CIELCh color 84, 9.481, 113.866.

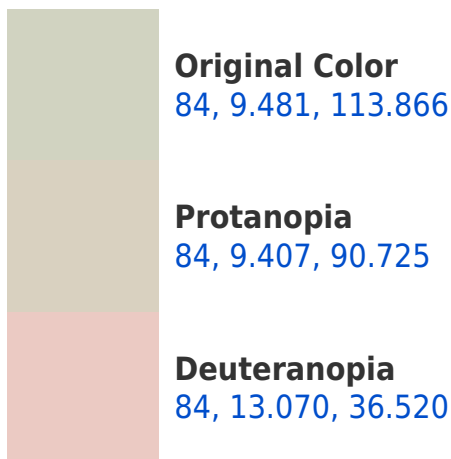



This preview shows how white text looks on a background with the CIELCh color 84, 9.481, 113.866.

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, 8.742, 304.951

Trichromacy



Original Color
84, 9.481, 113.866

Protanomaly
84, 9.556, 100.310

Deuteranomaly
84, 9.821, 55.773

Tritanomaly
84, 2.579, 324.441

Monochromacy



Original Color
84, 9.481, 113.866

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 3.175, 116.502

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 9.481, 113.866 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(209, 211, 193)` looks like.

```
.text, #text, p{  
    color:rgb(209, 211, 193)  
}
```

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(209, 211, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 211, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 9.481, 113.866 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(209, 211, 193) }
```

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

```
.border{ border-color:rgb(209, 211, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 211, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 211, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 211, 193);  
box-shadow:4px 4px 4px 4px rgb(209, 211,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 9.481, 113.866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 211, 193) }
```

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

```
.background{ background-color: rgb(209,  
211, 193) }
```

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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