

Converting Colors

CIELCh(84, 4.402, 149.020)

Have a look what the booklet for
CIELCh(84, 4.402, 149.020) contains.

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Color

CIELCh(84, 4.713, 147.884)

Conversions

Conversions Part 1

Format	Color
Hex	CCD4CD
RGB	204, 212, 205
RGB Percent	80%, 83%, 80%
CMY	0.2015, 0.1701, 0.1976
CMYK	0.04, 0.00, 0.03, 0.17
HSL	127°, 8%, 81%
HSV	127°, 4%, 83%
XYZ	59.2164, 64.0658, 66.7595
YIQ	208.8100, -2.5210, -3.8730

Conversions

Conversions Part 2

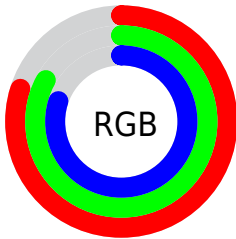
Format	Color
R_{YB}	204, 211, 212
Decimal	13423821
CIE _{Lab}	84.00, -3.99, 2.51
CIE _{LCh}	84, 4.713, 147.884
Yxy	64.0658, 0.3116, 0.3371
Android (android.graphics.Color)	4291613901 (0xFFCCD4CD)
YUV	208.8100, -1.8783, -4.2184
Hunter-Lab	80.0411, -8.0131, 6.5770

Details

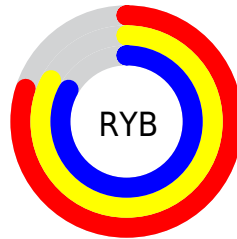
The CIELCh color **84, 4.713, 147.884** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **83, 4.734, 328.200**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **64, 4.309, 148.405** is the 20% darker color. If you saturate the color by 10%, you get **82, 17.318, 147.176**, and if you desaturate by 10%, it is **86, 7.709, 328.345**.

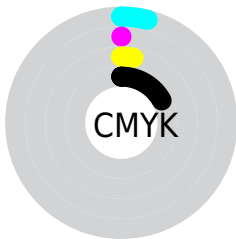
Distribution



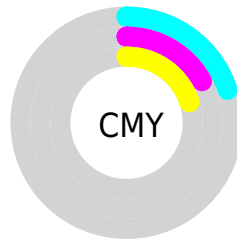
- Red (80%)
- Green (83%)
- Blue (80%)



- Red (80%)
- Yellow (83%)
- Blue (83%)



- Cyan (4%)
- Magenta (0%)
- Yellow (3%)
- Black (17%)



- Cyan (20%)
- Magenta (17%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 4.713, 147.884 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, 4.713, 147.884 by changing the saturation by 10% instead.

■ 84, 4.713, 147.884

■ 84, 4.713, 147.884

■ 100, 4.713,
147.884

■ 74, 4.713, 147.884

■ 64, 4.713, 147.884

■ 54, 4.713, 147.884

■ 44, 4.713, 147.884


■ 34, 4.713, 147.884


■ 24, 4.713, 147.884


■ 14, 4.713, 147.884

■ 4, 4.713, 147.884


■ 0, 4.713, 147.884


 84, 4.713, 147.884

 84, 4.713, 147.884


 82, 17.318,
147.176


 86, 7.709, 328.345


 80, 29.964,
146.397


 88, 19.859,
328.855


 79, 42.470,
145.494


 90, 27.189,
325.371

 78, 54.602,
144.451

 76, 66.080,
143.263

 76, 76.584,
141.941

 75, 85.772,
140.526

 75, 93.296,
139.100

 74, 98.851,
137.782

Harmonies

Complementary

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



84, 4.713, 147.884



83, 4.734, 328.200

Rectangle

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



84, 4.713, 147.884



84, 4.713, 197.884



84, 4.713, 327.884



84, 4.713, 17.884

Sweetspot

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



84, 4.715, 147.883



100, 1.440, 148.225



85, 4.210, 114.461



53, 0.819, 148.240



0, 0.000, 0.000



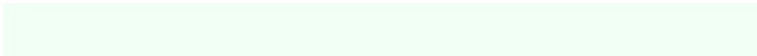
53, 0.007, 296.813

Same Dimension

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



84, 4.715, 147.883



99, 7.266, 147.788



84, 3.321, 170.258



44, 4.213, 147.746



60, 85.009, 137.323



13, 28.667, 144.168

Inverse Universe

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



83, 4.734, 328.200



97, 7.288, 328.290



83, 3.358, 350.649



42, 4.226, 328.330



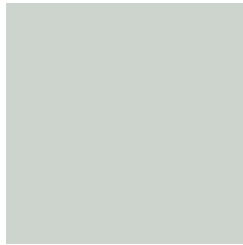
39, 76.813, 333.882



5, 28.263, 332.337

Previews

White Background



This preview shows how the CIELCh color 84, 4.713, 147.884 looks on a white background.

Color Contrast Check

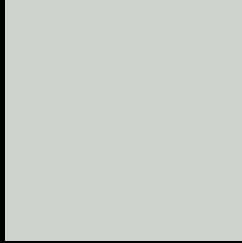
Large Text (above 18pt) WCAG AA × Fail

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, 4.713, 147.884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

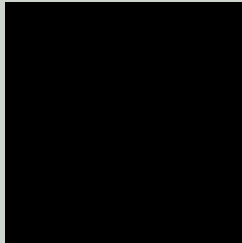
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

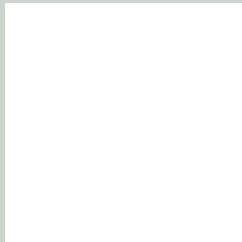
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 4.713, 147.884

Background



This preview shows how black text looks on a background with the CIELCh color 84, 4.713, 147.884.

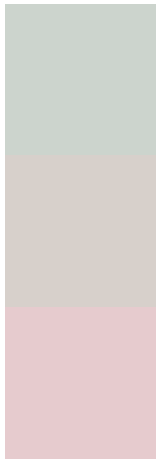


This preview shows how white text looks on a background with the CIELCh color 84, 4.713, 147.884.

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](#).

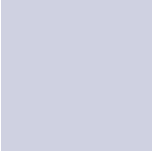
Dichromacy



Original Color
84, 4.713, 147.884

Protanopia
84, 3.663, 65.183

Deuteranopia
84, 10.135, 11.218



Tritanopia
84, 8.458, 286.159

Trichromacy



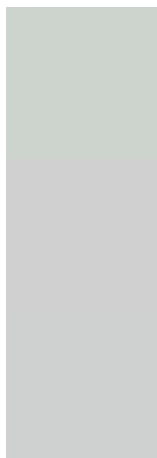
Original Color
84, 4.713, 147.884

Protanomaly
84, 2.715, 94.272

Deuteranomaly
84, 5.183, 25.492

Tritanomaly
84, 4.431, 271.880

Monochromacy



Original Color
84, 4.713, 147.884

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 1.517, 155.804

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 4.713, 147.884 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(204, 212, 205)` looks like.

```
.text, #text, p{  
    color:rgb(204, 212, 205)  
}
```

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(204, 212, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 212, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 4.713, 147.884 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(204, 212, 205) }
```

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

```
.border{ border-color:rgb(204, 212, 205) }
```

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

Here you see how a box with a 4 pixel rgb(204, 212, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 212, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 212, 205);  
box-shadow:4px 4px 4px 4px rgb(204, 212,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 4.713, 147.884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 212, 205) }
```

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

```
.background{ background-color: rgb(204,  
212, 205) }
```

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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