

Converting Colors

CIELCh(84, 9.890, 151.797)

Have a look what the booklet for
CIELCh(84, 9.890, 151.797) contains.

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Color

CIELCh(84, 9.915, 150.798)

Conversions

Conversions Part 1

Format	Color
Hex	C4D6C8
RGB	196, 214, 200
RGB Percent	77%, 84%, 78%
CMY	0.2310, 0.1604, 0.2153
CMYK	0.08, 0.00, 0.07, 0.16
HSL	133°, 18%, 80%
HSV	133°, 8%, 84%
XYZ	57.2977, 64.0658, 64.0484
YIQ	207.0220, -6.2340, -8.1700

Conversions

Conversions Part 2

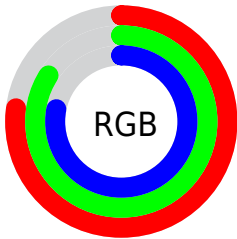
Format	Color
RYB	196, 211, 214
Decimal	12900040
CIELab	84.00, -8.65, 4.84
CIELCh	84, 9.915, 150.798
Yxy	64.0658, 0.3090, 0.3455
Android (android.graphics.Color)	4291090120 (0xFFC4D6C8)
YUV	207.0220, -3.4618, -9.6663
Hunter-Lab	80.0411, -12.2920, 8.5853

Details

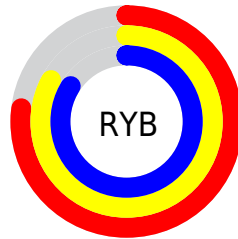
The CIELCh color **84, 9.915, 150.798** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81, 9.952, 331.814**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.695, 200.315**, and **64, 9.814, 151.116** is the 20% darker color. If you saturate the color by 10%, you get **82, 21.807, 150.029**, and if you desaturate by 10%, it is **86, 1.872, 331.235**.

Distribution



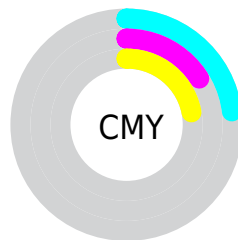
- Red (77%)
- Green (84%)
- Blue (78%)



- Red (77%)
- Yellow (83%)
- Blue (84%)



- Cyan (8%)
- Magenta (0%)
- Yellow (7%)
- Black (16%)





- Cyan (23%)
- Magenta (16%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 9.915, 150.798 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, 9.915, 150.798 by changing the saturation by 10% instead.


 84, 9.915, 150.798


 84, 9.915, 150.798


 100, 9.915,
150.798


 74, 9.915, 150.798


 64, 9.915, 150.798

 54, 9.915, 150.798


 44, 9.915, 150.798

 34, 9.915, 150.798

 24, 9.915, 150.798

 14, 9.915, 150.798

 4, 9.915, 150.798

 0, 9.915, 150.798

84, 9.915, 150.798

84, 9.915, 150.798

82, 21.807,
150.029

86, 1.872, 331.235

81, 33.656,
149.155

88, 13.454,
331.952

79, 45.280,
148.145

90, 23.590,
328.852

78, 56.461,
146.980


90, 25.624,
325.317

77, 66.951,
145.649

76, 76.495,
144.151

76, 84.849,
142.512

75, 91.804,
140.792

 75, 97.239,
139.115

Harmonies

Complementary

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



84, 9.915, 150.798



81, 9.952, 331.814

Rectangle

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



84, 9.915, 150.798



84, 9.915, 200.798



84, 9.915, 330.798



84, 9.915, 20.798

Sweetspot

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



84, 9.917, 150.797



99, 4.056, 151.217



85, 9.548, 118.086



53, 3.078, 151.145



0, 0.000, 0.000



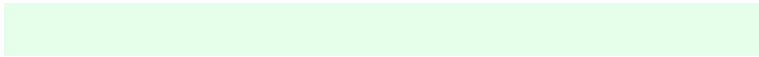
53, 0.007, 296.813

Same Dimension

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



84, 9.917, 150.797



98, 13.604, 150.672



84, 7.012, 176.425



44, 6.700, 150.722



61, 82.277, 139.160



14, 28.665, 145.041

Inverse Universe

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



81, 9.952, 331.814



94, 13.653, 331.928



81, 7.196, 357.852



42, 6.723, 331.882



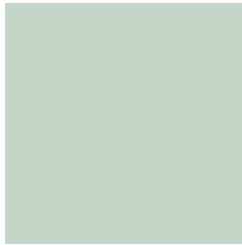
38, 72.188, 339.457



6, 27.985, 336.948

Previews

White Background



This preview shows how the CIELCh color 84, 9.915, 150.798 looks on a white background.

Color Contrast Check

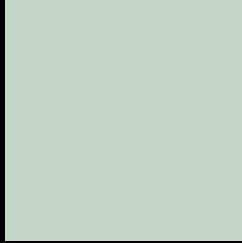
Large Text (above 18pt) WCAG AA × Fail

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, 9.915, 150.798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

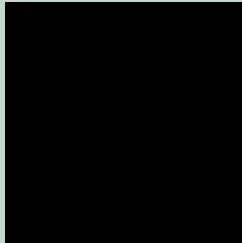
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

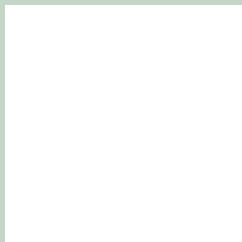
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 9.915, 150.798

Background



This preview shows how black text looks on a background with the CIELCh color 84, 9.915, 150.798.



This preview shows how white text looks on a background with the CIELCh color 84, 9.915, 150.798.

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, 9.915, 150.798

Protanopia

84, 6.487, 82.296

Deuteranopia

84, 11.217, 20.216



Tritanopia
84, 9.540, 269.694

Trichromacy



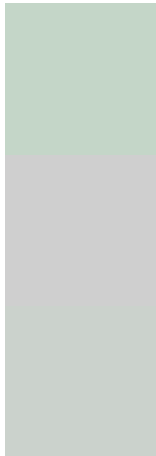
Original Color
84, 9.915, 150.798

Protanomaly
84, 6.316, 112.977

Deuteranomaly
84, 5.479, 48.256

Tritanomaly
84, 5.235, 236.523

Monochromacy



Original Color
84, 9.915, 150.798

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 4.077, 148.487

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 9.915, 150.798 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, 214, 200)` looks like.

```
.text, #text, p{  
    color:rgb(196, 214, 200)  
}
```

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, 214, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 214, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 9.915, 150.798 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, 214, 200) }
```

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

```
.border{ border-color:rgb(196, 214, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 214, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 214, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 214, 200);  
box-shadow:4px 4px 4px 4px rgb(196, 214,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 9.915, 150.798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 214, 200) }
```

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

```
.background{ background-color: rgb(196,  
214, 200) }
```

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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