

Converting Colors

CIELCh(84, 9.802, 191.481)

Have a look what the booklet for
CIELCh(84, 9.802, 191.481) contains.

CIELCh(84, 9.894, 192.610)	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, 9.894, 192.610)

Conversions

Conversions Part 1

Format	Color
Hex	BBD7D5
RGB	187, 215, 213
RGB Percent	73%, 84%, 84%
CMY	0.2661, 0.1563, 0.1642
CMYK	0.13, 0.00, 0.01, 0.16
HSL	176°, 26%, 79%
HSV	176°, 13%, 84%
XYZ	56.8915, 64.0658, 72.4114
YIQ	206.4000, -16.0460, -6.5580

Conversions

Conversions Part 2

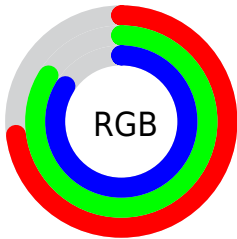
Format	Color
R _Y B	187, 202, 215
Decimal	12310485
CIE Lab	84.00, -9.66, -2.16
CIE LCh	84, 9.894, 192.610
Yxy	64.0658, 0.2942, 0.3313
Android (android.graphics.Color)	4290500565 (0xFFBBD7D5)
YUV	206.4000, 3.2538, -17.0138
Hunter-Lab	80.0411, -13.1979, 2.3904

Details

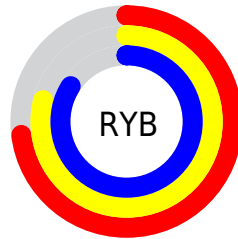
The CIELCh color `84, 9.894, 192.610` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `78, 10.634, 14.490`, and the grayscale version is `83, 0.010, 296.813`.

A 20% lighter version of the original color is `99, 4.141, 199.303`, and `64, 9.654, 191.923` is the 20% darker color. If you saturate the color by 10%, you get `83, 17.045, 191.864`, and if you desaturate by 10%, it is `86, 2.339, 193.503`.

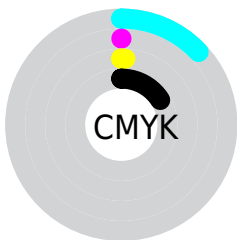
Distribution



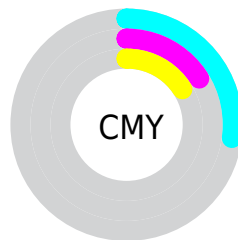
- Red (73%)
- Green (84%)
- Blue (84%)



- Red (73%)
- Yellow (79%)
- Blue (84%)



- Cyan (13%)
- Magenta (0%)
- Yellow (1%)
- Black (16%)



- Cyan (27%)
- Magenta (16%)
- Yellow (16%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 9.894, 192.610 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, 9.894, 192.610 by changing the saturation by 10% instead.

 84, 9.894, 192.610

 84, 9.894, 192.610

 100, 9.894,
192.610

 74, 9.894, 192.610

 64, 9.894, 192.610

 54, 9.894, 192.610

 44, 9.894, 192.610

 34, 9.894, 192.610

 24, 9.894, 192.610

 14, 9.894, 192.610

 4, 9.894, 192.610

 0, 9.894, 192.610

84, 9.894, 192.610

84, 9.894, 192.610

83, 17.045,
191.864

86, 2.339, 193.503

81, 23.664,
191.145

87, 5.508, 13.872

80, 29.620,
190.429

89, 13.546, 14.650

80, 34.794,
189.709

89, 14.846, 12.179

79, 39.084,
188.975

89, 14.943, 9.154

78, 42.430,
188.215

90, 15.084, 6.177

78, 44.822,
187.413

90, 15.266, 3.264

78, 46.322,
186.553

90, 15.488, 0.429

90, 15.749,
357.684

■ 78, 46.988,
185.925

Harmonies

Complementary

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



84, 9.894, 192.610



78, 10.634, 14.490

Rectangle

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



84, 9.894, 192.610



84, 9.894, 242.610



84, 9.894, 12.610



84, 9.894, 62.610

Sweetspot

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



84, 9.895, 192.601



99, 3.554, 193.368



84, 17.591, 141.488



53, 2.523, 193.285



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, 9.895, 192.601



97, 13.856, 192.366



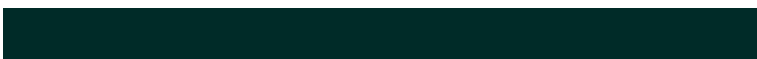
81, 8.317, 247.511



44, 4.333, 192.880



63, 39.524, 186.078



15, 15.298, 187.862

Inverse Universe

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



78, 10.634, 14.490



89, 15.167, 14.802



81, 8.744, 64.466



42, 4.562, 14.146



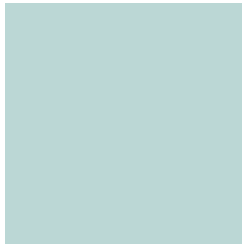
35, 74.437, 36.950



5, 21.964, 16.577

Previews

White Background



This preview shows how the CIELCh color 84, 9.894, 192.610 looks on a white background.

Color Contrast Check

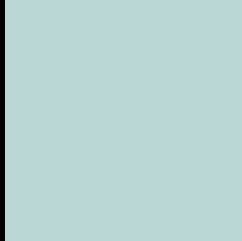
Large Text (above 18pt) WCAG AA × Fail

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, 9.894, 192.610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

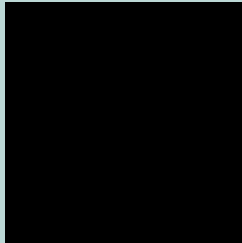
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

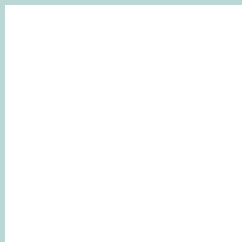
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 9.894, 192.610

Background



This preview shows how black text looks on a background with the CIELCh color 84, 9.894, 192.610.

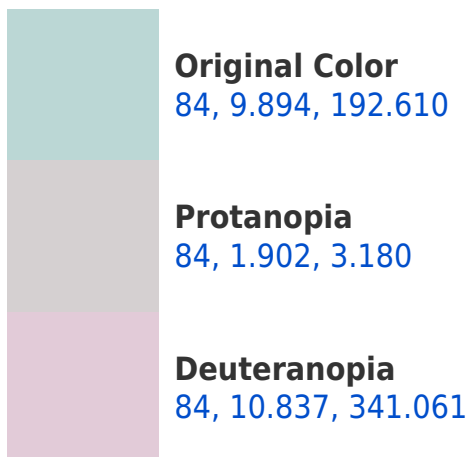


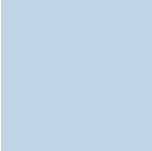
This preview shows how white text looks on a background with the CIELCh color 84, 9.894, 192.610.

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](#).

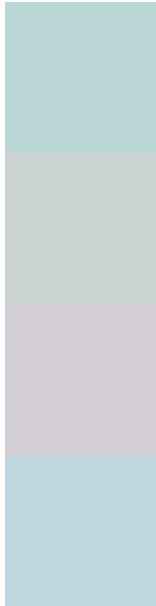
Dichromacy





Tritanopia
84, 11.720, 249.150

Trichromacy



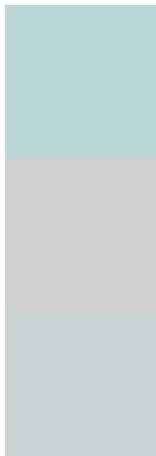
Original Color
84, 9.894, 192.610

Protanomaly
84, 2.511, 199.450

Deuteranomaly
84, 4.617, 313.428

Tritanomaly
84, 9.955, 231.019

Monochromacy



Original Color
84, 9.894, 192.610

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 3.633, 190.936

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 9.894, 192.610 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(187, 215, 213)` looks like.

```
.text, #text, p{  
    color:rgb(187, 215, 213)  
}
```

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(187, 215, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 215, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 9.894, 192.610 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(187, 215, 213) }
```

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

```
.border{ border-color:rgb(187, 215, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 215, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 215, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 215, 213);  
box-shadow:4px 4px 4px 4px rgb(187, 215,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 9.894, 192.610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 215, 213) }
```

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

```
.background{ background-color: rgb(187,  
215, 213) }
```

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