

Converting Colors

CIELCh(84, 7.738, 190.735)

Have a look what the booklet for
CIELCh(84, 7.738, 190.735) contains.

CIELCh(84, 7.867, 191.186)	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, 7.867, 191.186)

Conversions

Conversions Part 1

Format	Color
Hex	C0D6D4
RGB	192, 214, 212
RGB Percent	75%, 84%, 83%
CMY	0.2470, 0.1607, 0.1685
CMYK	0.10, 0.00, 0.01, 0.16
HSL	175°, 21%, 80%
HSV	175°, 10%, 84%
XYZ	57.6800, 64.0658, 71.6256
YIQ	207.1940, -12.4700, -5.2860

Conversions

Conversions Part 2

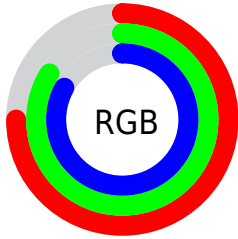
Format	Color
R_{YB}	192, 204, 214
Decimal	12637908
CIE _{Lab}	84.00, -7.72, -1.53
CIE _{LCh}	84, 7.867, 191.186
Yxy	64.0658, 0.2983, 0.3313
Android (android.graphics.Color)	4290827988 (0xFFC0D6D4)
YUV	207.1940, 2.3694, -13.3251
Hunter-Lab	80.0411, -11.4395, 2.9725

Details

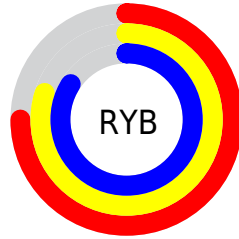
The CIELCh color `84, 7.867, 191.186` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `80, 8.305, 12.664`, and the grayscale version is `83, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 2.081, 199.592`, and `64, 7.901, 190.607` is the 20% darker color. If you saturate the color by 10%, you get `83, 15.166, 190.381`, and if you desaturate by 10%, it is `86, 0.217, 194.468`.

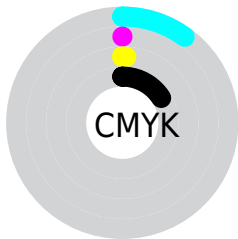
Distribution



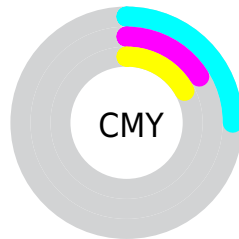
- Red (75%)
- Green (84%)
- Blue (83%)



- Red (75%)
- Yellow (80%)
- Blue (84%)



- Cyan (10%)
- Magenta (0%)
- Yellow (1%)
- Black (16%)



- Cyan (25%)
- Magenta (16%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 7.867, 191.186 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, 7.867, 191.186 by changing the saturation by 10% instead.

■ 84, 7.867, 191.186

■ 84, 7.867, 191.186

■ 100, 7.867,
191.186

■ 74, 7.867, 191.186

■ 64, 7.867, 191.186

■ 54, 7.867, 191.186

■ 44, 7.867, 191.186

■ 34, 7.867, 191.186

■ 24, 7.867, 191.186

■ 14, 7.867, 191.186

■ 4, 7.867, 191.186

■ 0, 7.867, 191.186

84, 7.867, 191.186

84, 7.867, 191.186

83, 15.166,
190.381

86, 0.217, 194.468

81, 21.988,
189.602

87, 7.679, 12.530

80, 28.202,
188.817

89, 15.266, 13.050

79, 33.684,
188.015

89, 15.379, 9.320

79, 38.323,
187.185

89, 15.559, 5.661

78, 42.042,
186.312

89, 15.804, 2.104

78, 44.814,
185.378

89, 16.110,
358.671

77, 46.675,
184.367

89, 16.474,
355.381

89, 16.893,
352.248

■ 77, 47.799,
183.313

Harmonies

Complementary

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



84, 7.867, 191.186



80, 8.305, 12.664

Rectangle

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



84, 7.867, 191.186



84, 7.867, 241.186



84, 7.867, 11.186



84, 7.867, 61.186

Sweetspot

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



84, 7.868, 191.175



99, 2.680, 191.890



84, 13.740, 141.198



53, 2.030, 191.779



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, 7.868, 191.175



98, 10.546, 191.025



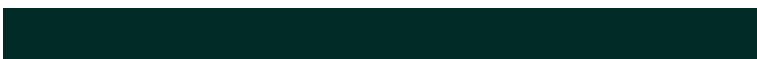
82, 6.513, 245.119



44, 4.354, 191.246



63, 40.349, 183.496



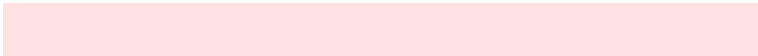
15, 15.546, 185.688

Inverse Universe

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



80, 8.305, 12.664



92, 11.242, 12.846



82, 6.786, 62.784



42, 4.574, 12.580



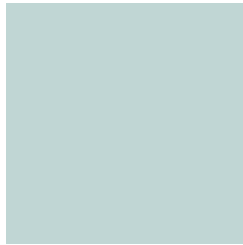
35, 73.623, 36.035



5, 21.965, 15.707

Previews

White Background



This preview shows how the CIELCh color 84, 7.867, 191.186 looks on a white background.

Color Contrast Check

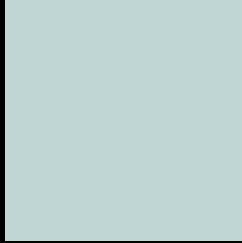
Large Text (above 18pt) WCAG AA × Fail

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, 7.867, 191.186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

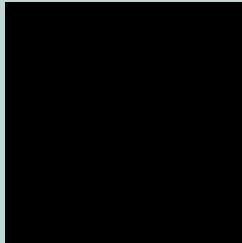
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

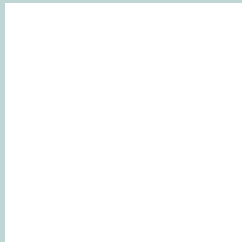
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 7.867, 191.186

Background



This preview shows how black text looks on a background with the CIELCh color 84, 7.867, 191.186.



This preview shows how white text looks on a background with the CIELCh color 84, 7.867, 191.186.

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, 7.867, 191.186

Protanopia

84, 1.902, 3.180

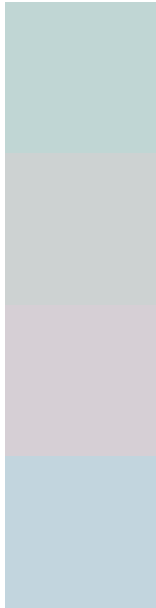
Deuteranopia

84, 10.523, 346.842



Tritanopia
84, 10.133, 255.751

Trichromacy



Original Color
84, 7.867, 191.186

Protanomaly
84, 1.799, 199.591

Deuteranomaly
84, 4.081, 328.729

Tritanomaly
84, 8.031, 235.388

Monochromacy



Original Color
84, 7.867, 191.186

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 2.930, 189.010

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 7.867, 191.186 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(192, 214, 212)` looks like.

```
.text, #text, p{  
    color:rgb(192, 214, 212)  
}
```

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(192, 214, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 214, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 7.867, 191.186 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(192, 214, 212) }
```

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

```
.border{ border-color:rgb(192, 214, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 214, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 214, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 214, 212);  
box-shadow:4px 4px 4px 4px rgb(192, 214,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 7.867, 191.186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 214, 212) }
```

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

```
.background{ background-color: rgb(192,  
214, 212) }
```

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