

Converting Colors

CIELCh(84, 7.056, 198.978)

Have a look what the booklet for
CIELCh(84, 7.056, 198.978) contains.

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Color

CIELCh(84, 7.062, 198.976)

Conversions

Conversions Part 1

Format	Color
Hex	C1D5D5
RGB	193, 213, 213
RGB Percent	76%, 84%, 84%
CMY	0.2412, 0.1628, 0.1628
CMYK	0.09, 0.00, 0.00, 0.16
HSL	180°, 19%, 80%
HSV	180°, 9%, 84%
XYZ	58.1059, 64.0658, 72.5813
YIQ	207.0200, -11.9200, -4.2400

Conversions

Conversions Part 2

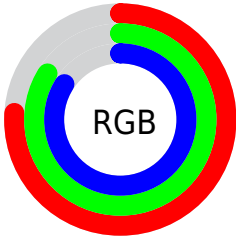
Format	Color
RYB	193, 203, 213
Decimal	12703189
CIELab	84.00, -6.68, -2.30
CIElCh	84, 7.062, 198.976
Yxy	64.0658, 0.2984, 0.3290
Android (android.graphics.Color)	4290893269 (0xFFC1D5D5)
YUV	207.0200, 2.9481, -12.2955
Hunter-Lab	80.0411, -10.4897, 2.2646

Details

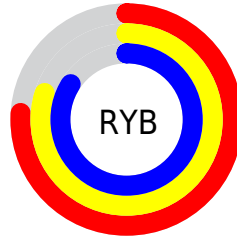
The CIELCh color `84, 7.062, 198.976` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `80, 7.493, 19.912`, and the grayscale version is `83, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 1.735, 199.677`, and `64, 7.047, 198.835` is the 20% darker color. If you saturate the color by 10%, you get `83, 14.188, 198.413`, and if you desaturate by 10%, it is `86, 0.485, 18.231`.

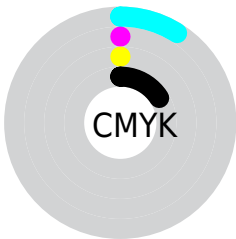
Distribution



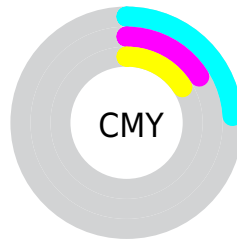
- Red (76%)
- Green (84%)
- Blue (84%)



- Red (76%)
- Yellow (80%)
- Blue (84%)



- Cyan (9%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)



- Cyan (24%)
- Magenta (16%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 7.062, 198.976 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, 7.062, 198.976 by changing the saturation by 10% instead.

■ 84, 7.062, 198.976

■ 84, 7.062, 198.976

■ 100, 7.062,
198.976

■ 74, 7.062, 198.976

■ 64, 7.062, 198.976

■ 54, 7.062, 198.976

■ 44, 7.062, 198.976

■ 34, 7.062, 198.976

■ 24, 7.062, 198.976

■ 14, 7.062, 198.976

■ 4, 7.062, 198.976

■ 0, 7.062, 198.976

84, 7.062, 198.976

84, 7.062, 198.976

83, 14.188,
198.413

86, 0.485, 18.231

81, 20.768,
197.938

87, 8.344, 19.935

80, 26.680,
197.523

89, 15.452, 20.494

80, 31.807,
197.170

89, 15.452, 20.487

79, 36.050,
196.882

89, 15.452, 20.480

78, 39.349,
196.661

89, 15.452, 20.473

78, 41.688,
196.505

89, 15.452, 20.466

78, 43.113,
196.410

89, 15.452, 20.459

89, 15.451, 20.452

■ 78, 43.798,
196.362

Harmonies

Complementary

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



84, 7.062, 198.976



80, 7.493, 19.912

Rectangle

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



84, 7.062, 198.976



84, 7.062, 248.976



84, 7.062, 18.976



84, 7.062, 68.976

Sweetspot

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



84, 7.063, 198.962



99, 2.650, 199.473



84, 12.836, 143.481



53, 2.005, 199.376



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, 7.063, 198.962



98, 9.531, 198.858



81, 6.236, 254.855



44, 4.287, 198.959



63, 37.127, 196.360



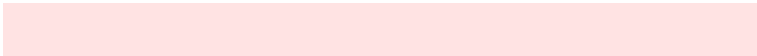
15, 14.560, 196.365

Inverse Universe

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



80, 7.493, 19.912



92, 10.226, 20.050



82, 6.389, 72.411



42, 4.550, 19.915



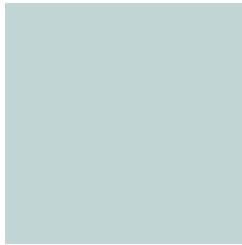
35, 77.342, 39.892



5, 22.000, 19.759

Previews

White Background



This preview shows how the CIELCh color 84, 7.062, 198.976 looks on a white background.

Color Contrast Check

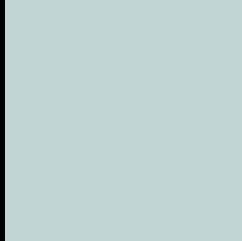
Large Text (above 18pt) WCAG AA × Fail

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, 7.062, 198.976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

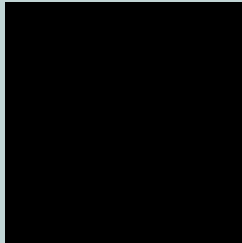
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

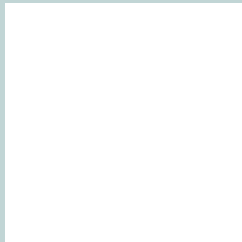
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 7.062, 198.976

Background



This preview shows how black text looks on a background with the CIELCh color 84, 7.062, 198.976.

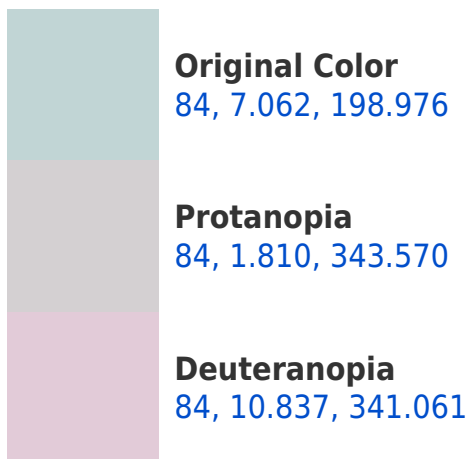


This preview shows how white text looks on a background with the CIELCh color 84, 7.062, 198.976.

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, 10.231, 260.704

Trichromacy



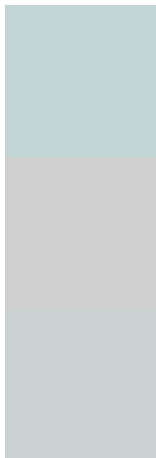
Original Color
84, 7.062, 198.976

Protanomaly
84, 1.866, 216.015

Deuteranomaly
84, 4.948, 321.132

Tritanomaly
84, 8.171, 244.507

Monochromacy



Original Color
84, 7.062, 198.976

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 2.514, 199.448

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 7.062, 198.976 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(193, 213, 213)` looks like.

```
.text, #text, p{  
    color:rgb(193, 213, 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(193, 213, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 213, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 7.062, 198.976 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(193, 213, 213) }
```

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

```
.border{ border-color:rgb(193, 213, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 213, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 213, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 213, 213);  
box-shadow:4px 4px 4px 4px rgb(193, 213,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 7.062, 198.976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 213, 213) }
```

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

```
.background{ background-color: rgb(193,  
213, 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](#).

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