

Converting Colors

CIELCh(84, 7.031, 210.651)

Have a look what the booklet for
CIELCh(84, 7.031, 210.651) contains.

CIELCh(84, 6.828, 212.454)	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, 6.828, 212.454)

Conversions

Conversions Part 1

Format	Color
Hex	C2D5D8
RGB	194, 213, 216
RGB Percent	76%, 84%, 85%
CMY	0.2389, 0.1644, 0.1526
CMYK	0.10, 0.01, 0.00, 0.15
HSL	188°, 22%, 80%
HSV	188°, 10%, 85%
XYZ	58.4832, 64.0658, 74.2992
YIQ	207.6610, -12.2870, -3.0950

Conversions

Conversions Part 2

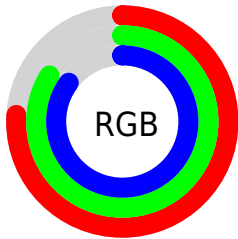
Format	Color
RYB	194, 204, 216
Decimal	12768728
CIELab	84.00, -5.76, -3.66
CIELCh	84, 6.828, 212.454
Yxy	64.0658, 0.2971, 0.3255
Android (android.graphics.Color)	4290958808 (0xFFC2D5D8)
YUV	207.6610, 4.1111, -11.9807
Hunter-Lab	80.0411, -9.6482, 0.9920

Details

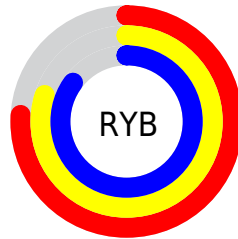
The CIELCh color `84, 6.828, 212.454` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `81, 7.294, 32.397`, and the grayscale version is `83, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 1.389, 199.794`, and `64, 6.802, 213.187` is the 20% darker color. If you saturate the color by 10%, you get `82, 13.140, 212.499`, and if you desaturate by 10%, it is `86, 0.127, 216.989`.

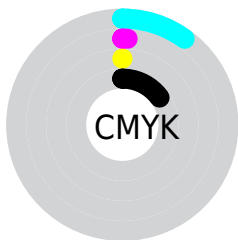
Distribution



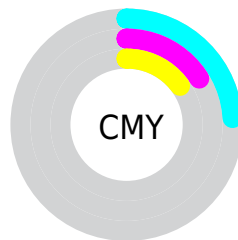
- Red (76%)
- Green (84%)
- Blue (85%)



- Red (76%)
- Yellow (80%)
- Blue (85%)



- Cyan (10%)
- Magenta (1%)
- Yellow (0%)
- Black (15%)



- Cyan (24%)
- Magenta (16%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 6.828, 212.454 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, 6.828, 212.454 by changing the saturation by 10% instead.

■ 84, 6.828, 212.454

■ 84, 6.828, 212.454

■ 100, 6.828,
212.454

■ 74, 6.828, 212.454

■ 64, 6.828, 212.454

■ 54, 6.828, 212.454

■ 44, 6.828, 212.454

■ 34, 6.828, 212.454

■ 24, 6.828, 212.454

■ 14, 6.828, 212.454

■ 4, 6.828, 212.454

■ 0, 6.828, 212.454

84, 6.828, 212.454

84, 6.828, 212.454

82, 13.140,
212.499

86, 0.127, 216.989

80, 18.956,
212.727

89, 6.875, 32.366

78, 24.167,
213.139

91, 12.653, 33.903

76, 28.665,
213.773

92, 11.775, 50.656

75, 32.353,
214.678

93, 11.753, 59.566

73, 35.165,
215.909

95, 12.542, 76.421

72, 37.084,
217.526

95, 13.301, 83.750

71, 38.155,
219.583

■ 70, 38.583,
222.006

Harmonies

Complementary

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



84, 6.828, 212.454



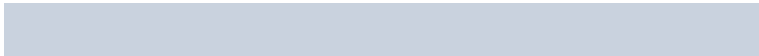
81, 7.294, 32.397

Rectangle

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



84, 6.828, 212.454



84, 6.828, 262.454



84, 6.828, 32.454



84, 6.828, 82.454

Sweetspot

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



84, 6.829, 212.438



99, 2.343, 212.632



84, 12.912, 147.692



53, 1.773, 212.570



0, 0.000, 0.000



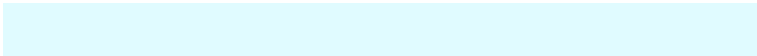
53, 0.007, 296.813

Same Dimension

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



84, 6.829, 212.438



97, 9.156, 212.435



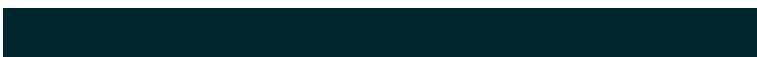
81, 7.871, 269.760



44, 3.787, 212.442



56, 32.411, 221.540



13, 12.869, 216.373

Inverse Universe

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



81, 12.916, 328.977



92, 17.429, 329.097



84, 7.907, 87.051



42, 7.145, 328.929



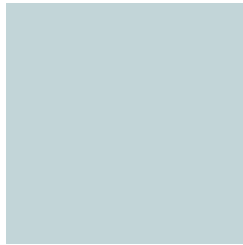
39, 76.993, 334.477



6, 29.821, 333.035

Previews

White Background



This preview shows how the CIELCh color 84, 6.828, 212.454 looks on a white background.

Color Contrast Check

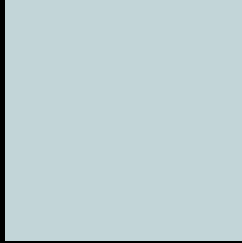
Large Text (above 18pt) WCAG AA × Fail

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, 6.828, 212.454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

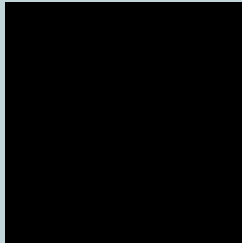
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

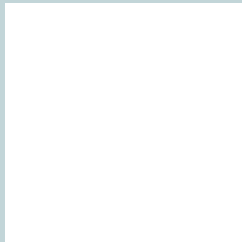
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 6.828, 212.454

Background



This preview shows how black text looks on a background with the CIELCh color 84, 6.828, 212.454.

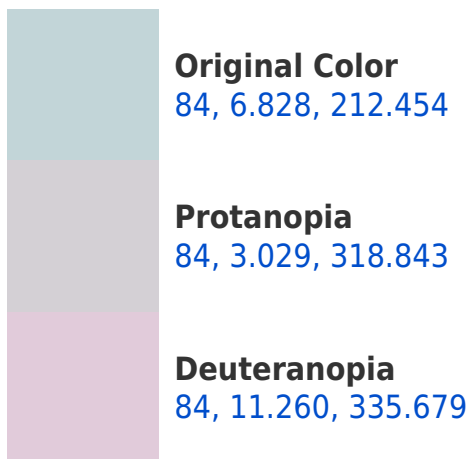


This preview shows how white text looks on a background with the CIELCh color 84, 6.828, 212.454.

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](#).

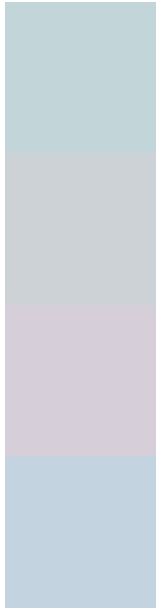
Dichromacy





Tritanopia
84, 10.231, 260.704

Trichromacy



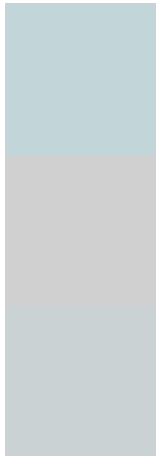
Original Color
84, 6.828, 212.454

Protanomaly
84, 2.745, 249.816

Deuteranomaly
84, 5.878, 315.892

Tritanomaly
84, 8.535, 247.153

Monochromacy



Original Color
84, 6.828, 212.454

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 2.557, 211.366

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 6.828, 212.454 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(194, 213, 216)` looks like.

```
.text, #text, p{  
    color:rgb(194, 213, 216)  
}
```

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(194, 213, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 213, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 6.828, 212.454 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(194, 213, 216) }
```

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

```
.border{ border-color:rgb(194, 213, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 213, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 213, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 213, 216); box-shadow:4px 4px 4px 4px rgb(194, 213, 216) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 6.828, 212.454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 213, 216) }
```

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

```
.background{ background-color: rgb(194,  
213, 216) }
```

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