

Converting Colors

CIELCh(84, 6.802, 182.570)

Have a look what the booklet for
CIELCh(84, 6.802, 182.570) contains.

CIELCh(84, 6.629, 185.182)	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, 6.629, 185.182)

Conversions

Conversions Part 1

Format	Color
Hex	C3D5D2
RGB	195, 213, 210
RGB Percent	76%, 84%, 82%
CMY	0.2340, 0.1634, 0.1752
CMYK	0.08, 0.00, 0.01, 0.16
HSL	170°, 18%, 80%
HSV	170°, 8%, 84%
XYZ	58.1373, 64.0658, 70.4860
YIQ	207.2760, -9.7650, -4.7490

Conversions

Conversions Part 2

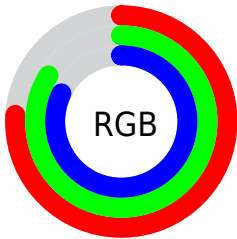
Format	Color
RYB	195, 205, 213
Decimal	12834258
CIELab	84.00, -6.60, -0.60
CIElCh	84, 6.629, 185.182
Yxy	64.0658, 0.3017, 0.3325
Android (android.graphics.Color)	4291024338 (0xFFC3D5D2)
YUV	207.2760, 1.3429, -10.7661
Hunter-Lab	80.0411, -10.4198, 3.8167

Details

The CIELCh color **84, 6.629, 185.182** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80, 6.878, 6.500**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 1.042, 199.975**, and **64, 6.479, 188.948** is the 20% darker color. If you saturate the color by 10%, you get **83, 14.241, 184.238**, and if you desaturate by 10%, it is **86, 1.244, 5.504**.

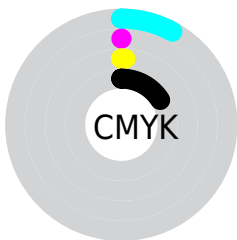
Distribution



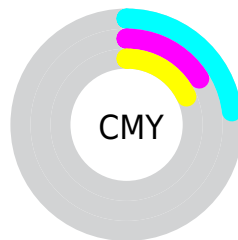
- Red (76%)
- Green (84%)
- Blue (82%)



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



- Cyan (8%)
- Magenta (0%)
- Yellow (1%)
- Black (16%)



- Cyan (23%)
- Magenta (16%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 6.629, 185.182 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, 6.629, 185.182 by changing the saturation by 10% instead.

■ 84, 6.629, 185.182

■ 84, 6.629, 185.182

■ 100, 6.629,
185.182

■ 74, 6.629, 185.182

■ 64, 6.629, 185.182

■ 54, 6.629, 185.182

■ 44, 6.629, 185.182

■ 34, 6.629, 185.182

■ 24, 6.629, 185.182

■ 14, 6.629, 185.182

■ 4, 6.629, 185.182

■ 0, 6.629, 185.182

84, 6.629, 185.182

84, 6.629, 185.182

83, 14.241,
184.238

86, 1.244, 5.504

81, 21.468,
183.296

87, 9.277, 6.711

80, 28.181,
182.311

89, 15.813, 6.054

89, 16.291,
359.730

79, 34.246,
181.265

89, 16.964,
353.848

78, 39.542,
180.138

89, 17.808,
348.482

78, 43.973,
178.910

89, 18.801,
343.657

77, 47.489,
177.558

90, 19.919,
339.362

77, 50.105,
176.061

90, 21.144,

■ 77, 51.951,
174.423

335.561

Harmonies

Complementary

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



84, 6.629, 185.182



80, 6.878, 6.500

Rectangle

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



84, 6.629, 185.182



84, 6.629, 235.182



84, 6.629, 5.182



84, 6.629, 55.182

Sweetspot

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



84, 6.631, 185.170



99, 2.741, 185.782



84, 10.950, 138.934



53, 2.076, 185.665



0, 0.000, 0.000



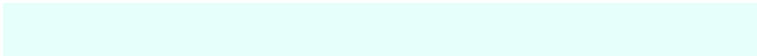
53, 0.007, 296.813

Same Dimension

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



84, 6.631, 185.170



98, 9.056, 185.011



83, 5.247, 234.409



44, 4.466, 185.076



63, 44.111, 174.447



15, 16.669, 177.895

Inverse Universe

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



80, 6.878, 6.500



93, 9.461, 6.677



82, 5.477, 52.923



42, 4.652, 6.605



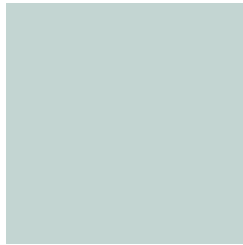
35, 70.145, 31.505



5, 22.013, 12.336

Previews

White Background



This preview shows how the CIELCh color 84, 6.629, 185.182 looks on a white background.

Color Contrast Check

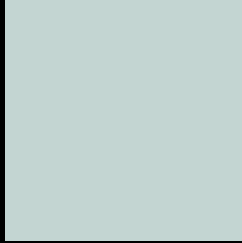
Large Text (above 18pt) WCAG AA × Fail

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, 6.629, 185.182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

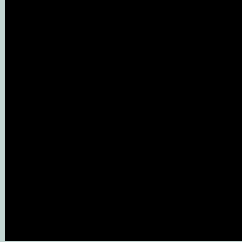
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

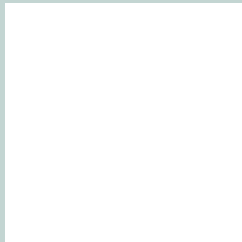
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 6.629, 185.182

Background



This preview shows how black text looks on a background with the CIELCh color 84, 6.629, 185.182.



This preview shows how white text looks on a background with the CIELCh color 84, 6.629, 185.182.

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](#).

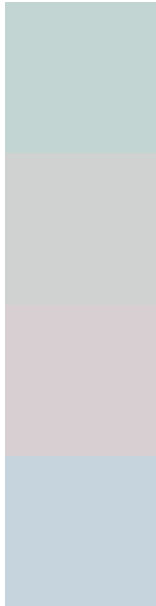
Dichromacy





Tritanopia
84, 9.462, 262.601

Trichromacy



Original Color
84, 6.629, 185.182

Protanomaly
84, 1.516, 155.806

Deuteranomaly
84, 3.914, 346.999

Tritanomaly
84, 6.987, 242.064

Monochromacy



Original Color
84, 6.629, 185.182

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 2.579, 187.638

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 6.629, 185.182 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(195, 213, 210)` looks like.

```
.text, #text, p{  
    color:rgb(195, 213, 210)  
}
```

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(195, 213, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 213, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 6.629, 185.182 is called "border". The border property can be set on classes, ids or directly on the HTML element.

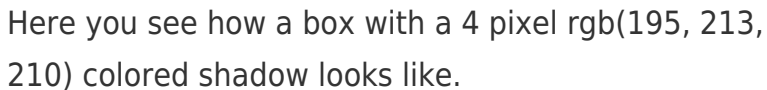
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 213, 210) }
```

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

```
.border{ border-color:rgb(195, 213, 210) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 213, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 213, 210); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 213, 210); box-shadow:4px 4px 4px 4px rgb(195, 213, 210) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 6.629, 185.182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 213, 210) }
```

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

```
.background{ background-color: rgb(195,  
213, 210) }
```

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