

Converting Colors

CIELCh(84, 6.578, 191.387)

Have a look what the booklet for
CIELCh(84, 6.578, 191.387) contains.

CIELCh(84, 6.415, 194.304)	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, 6.415, 194.304)

Conversions

Conversions Part 1

Format	Color
Hex	C3D5D4
RGB	195, 213, 212
RGB Percent	76%, 84%, 83%
CMY	0.2346, 0.1640, 0.1679
CMYK	0.08, 0.00, 0.00, 0.16
HSL	177°, 18%, 80%
HSV	177°, 8%, 84%
XYZ	58.2959, 64.0658, 71.6982
YIQ	207.5040, -10.4070, -4.1270

Conversions

Conversions Part 2

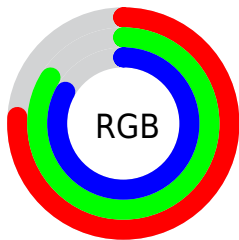
Format	Color
RYB	195, 204, 213
Decimal	12834260
CIELab	84.00, -6.22, -1.58
CIElCh	84, 6.415, 194.304
Yxy	64.0658, 0.3004, 0.3301
Android (android.graphics.Color)	4291024340 (0xFFC3D5D4)
YUV	207.5040, 2.2165, -10.9660
Hunter-Lab	80.0411, -10.0659, 2.9187

Details

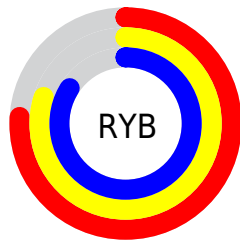
The CIELCh color **84, 6.415, 194.304** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80, 6.730, 15.330**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 1.042, 199.975**, and **64, 6.379, 193.868** is the 20% darker color. If you saturate the color by 10%, you get **83, 13.675, 193.568**, and if you desaturate by 10%, it is **86, 1.206, 14.411**.

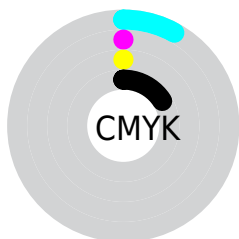
Distribution



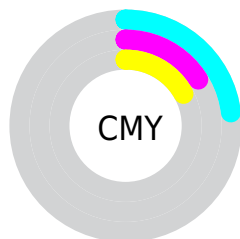
- Red (76%)
- Green (84%)
- Blue (83%)



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



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



- Cyan (23%)
- Magenta (16%)
- Yellow (17%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 6.415, 194.304 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, 6.415, 194.304 by changing the saturation by 10% instead.

 84, 6.415, 194.304

 84, 6.415, 194.304

 100, 6.415,
194.304

 74, 6.415, 194.304

 64, 6.415, 194.304

 54, 6.415, 194.304

 44, 6.415, 194.304

 34, 6.415, 194.304

 24, 6.415, 194.304

 14, 6.415, 194.304

 4, 6.415, 194.304

 0, 6.415, 194.304

84, 6.415, 194.304

84, 6.415, 194.304

83, 13.675,
193.568

86, 1.206, 14.411

81, 20.451,
192.892

87, 9.083, 15.512

80, 26.615,
192.234

89, 15.558, 15.661

79, 32.045,
191.589

89, 15.590, 13.411

79, 36.630,
190.949

89, 15.646, 11.174

78, 40.293,
190.306

89, 15.727, 8.957

78, 43.004,
189.649

89, 15.832, 6.766

77, 44.790,
188.963

89, 15.961, 4.609

89, 16.113, 2.490

■ 77, 45.791,
188.239

Harmonies

Complementary

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



84, 6.415, 194.304



80, 6.730, 15.330

Rectangle

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



84, 6.415, 194.304



84, 6.415, 244.304



84, 6.415, 14.304



84, 6.415, 64.304

Sweetspot

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



84, 6.416, 194.289



99, 2.663, 194.815



84, 11.359, 142.214



53, 2.016, 194.708



0, 0.000, 0.000



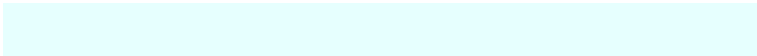
53, 0.007, 296.813

Same Dimension

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



84, 6.416, 194.289



98, 8.753, 194.163



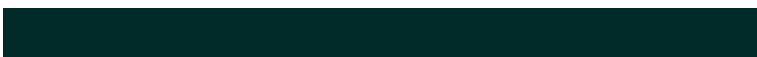
82, 5.435, 248.952



44, 4.319, 194.214



63, 38.905, 188.245



15, 15.111, 189.673

Inverse Universe

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



80, 6.730, 15.330



93, 9.269, 15.482



82, 5.590, 66.866



42, 4.556, 15.420



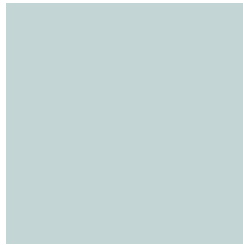
35, 75.048, 37.608



5, 21.967, 17.282

Previews

White Background



This preview shows how the CIELCh color 84, 6.415, 194.304 looks on a white background.

Color Contrast Check

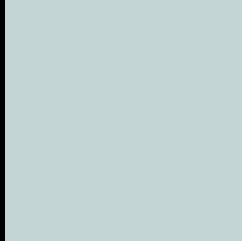
Large Text (above 18pt) WCAG AA × Fail

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, 6.415, 194.304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

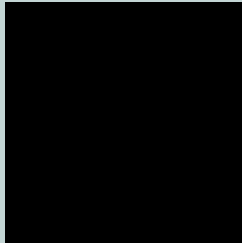
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

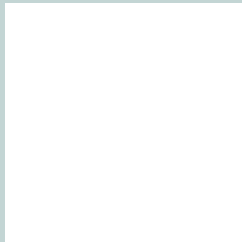
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 6.415, 194.304

Background



This preview shows how black text looks on a background with the CIELCh color 84, 6.415, 194.304.

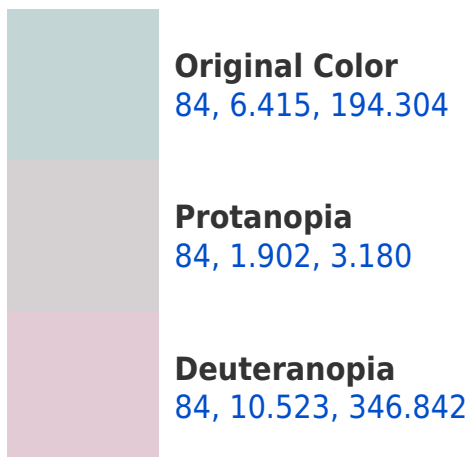


This preview shows how white text looks on a background with the CIELCh color 84, 6.415, 194.304.

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](#).

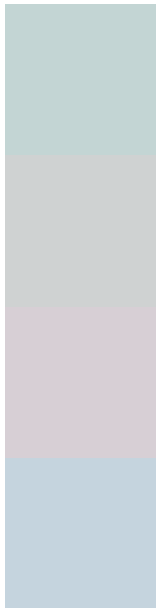
Dichromacy





Tritanopia
84, 9.924, 264.132

Trichromacy



Original Color
84, 6.415, 194.304

Protanomaly
84, 1.081, 199.855

Deuteranomaly
84, 4.318, 332.500

Tritanomaly
84, 7.338, 245.239

Monochromacy



Original Color
84, 6.415, 194.304

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, 6.415, 194.304 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, 212)` looks like.

```
.text, #text, p{  
    color:rgb(195, 213, 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(195, 213, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 213, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 6.415, 194.304 is called "border". The border property can be set on classes, ids or directly on the HTML element.

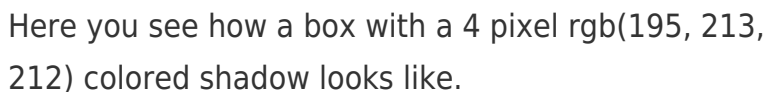
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 213, 212) }
```

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

```
.border{ border-color:rgb(195, 213, 212) }
```

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, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 213, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 213, 212);  
box-shadow:4px 4px 4px 4px rgb(195, 213,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 6.415, 194.304 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, 212) }
```

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

```
.background{ background-color: rgb(195,  
213, 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](#).

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