

Converting Colors

CIELCh(85, 6.462, 204.078)

Have a look what the booklet for
CIELCh(85, 6.462, 204.078) contains.

CIELCh(85, 6.354, 203.805)	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(85, 6.354, 203.805)

Conversions

Conversions Part 1

Format	Color
Hex	C6D8D9
RGB	198, 216, 217
RGB Percent	78%, 85%, 85%
CMY	0.2242, 0.1536, 0.1497
CMYK	0.09, 0.00, 0.00, 0.15
HSL	183°, 20%, 81%
HSV	183°, 9%, 85%
XYZ	60.2578, 66.0070, 75.0929
YIQ	210.7320, -11.0490, -3.5050

Conversions

Conversions Part 2

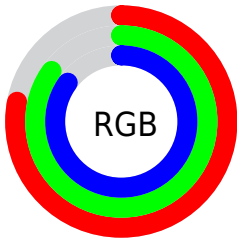
Format	Color
R_{YB}	198, 207, 217
Decimal	13031641
CIE Lab	85.00, -5.81, -2.56
CIE LCh	85, 6.354, 203.805
Yxy	66.0070, 0.2993, 0.3278
Android (android.graphics.Color)	4291221721 (0xFFC6D8D9)
YUV	210.7320, 3.0901, -11.1660
Hunter-Lab	81.2447, -9.7879, 2.0707

Details

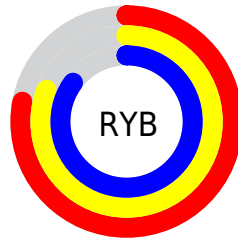
The CIELCh color **85, 6.354, 203.805** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82, 6.722, 24.321**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **65, 6.303, 204.000** is the 20% darker color. If you saturate the color by 10%, you get **83, 13.222, 203.434**, and if you desaturate by 10%, it is **87, 0.920, 23.421**.

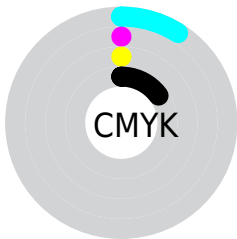
Distribution



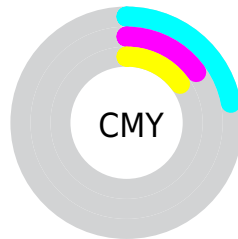
- Red (78%)
- Green (85%)
- Blue (85%)



- Red (78%)
- Yellow (81%)
- Blue (85%)



- Cyan (9%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)



- Cyan (22%)
- Magenta (15%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 6.354, 203.805 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 85, 6.354, 203.805 by changing the saturation by 10% instead.

85, 6.354, 203.805

85, 6.354, 203.805

100, 6.354,
203.805

75, 6.354, 203.805

65, 6.354, 203.805

55, 6.354, 203.805

45, 6.354, 203.805

35, 6.354, 203.805

25, 6.354, 203.805

15, 6.354, 203.805

5, 6.354, 203.805

0, 6.354, 203.805

85, 6.354, 203.805

85, 6.354, 203.805

83, 13.222,
203.434

87, 0.920, 23.421

82, 19.566,
203.189

89, 8.500, 24.406

80, 25.266,
203.044

90, 13.310, 25.661

79, 30.204,
203.012

91, 12.649, 31.207

78, 34.277,
203.111

91, 12.367, 34.188

77, 37.414,
203.358

92, 11.913, 40.526

76, 39.588,
203.770

92, 11.744, 43.857

76, 40.834,
204.361

■ 75, 41.302,
205.125

Harmonies

Complementary

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



85, 6.354, 203.805



82, 6.722, 24.321

Rectangle

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



85, 6.354, 203.805



85, 6.354, 253.805



85, 6.354, 23.805



85, 6.354, 73.805

Sweetspot

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



85, 6.355, 203.788



99, 2.517, 204.165



85, 11.800, 145.311



53, 1.904, 204.079



0, 0.000, 0.000



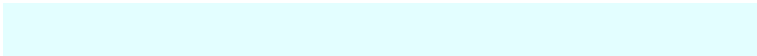
53, 0.007, 296.813

Same Dimension

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



85, 6.355, 203.788



98, 9.044, 203.692



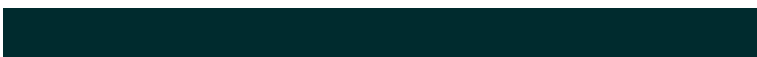
83, 6.245, 261.850



45, 4.148, 203.759



61, 35.025, 205.081



15, 14.220, 203.488

Inverse Universe

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



82, 11.801, 326.345



93, 16.922, 326.482



84, 6.328, 79.478



43, 7.720, 326.385



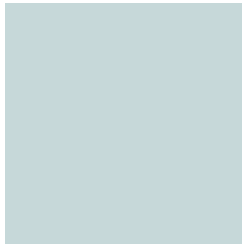
41, 83.077, 330.424



7, 33.319, 329.959

Previews

White Background



This preview shows how the CIELCh color 85, 6.354, 203.805 looks on a white background.

Color Contrast Check

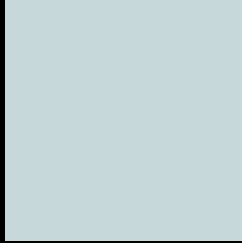
Large Text (above 18pt) WCAG AA × Fail

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 85, 6.354, 203.805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

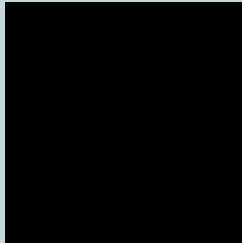
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

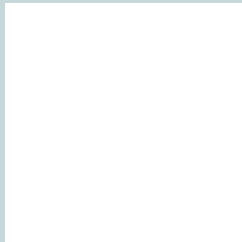
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 6.354, 203.805

Background



This preview shows how black text looks on a background with the CIELCh color 85, 6.354, 203.805.

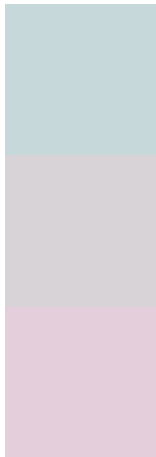


This preview shows how white text looks on a background with the CIELCh color 85, 6.354, 203.805.

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
85, 6.354, 203.805

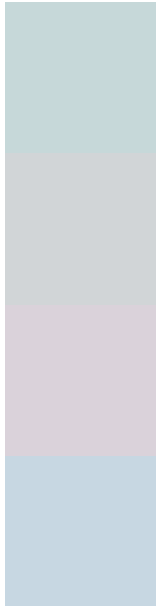
Protanopia
85, 2.159, 332.301

Deuteranopia
85, 10.809, 341.051



Tritanopia
85, 10.049, 262.365

Trichromacy



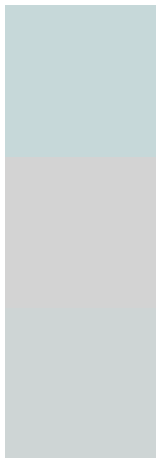
Original Color
85, 6.354, 203.805

Protanomaly
85, 1.768, 236.216

Deuteranomaly
85, 5.131, 324.589

Tritanomaly
85, 7.918, 246.240

Monochromacy



Original Color
85, 6.354, 203.805

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 2.507, 199.454

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 6.354, 203.805 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(198, 216, 217)` looks like.

```
.text, #text, p{  
    color:rgb(198, 216, 217)  
}
```

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(198, 216, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 216, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 6.354, 203.805 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(198, 216, 217) }
```

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

```
.border{ border-color:rgb(198, 216, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 216, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 216, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 216, 217);  
box-shadow:4px 4px 4px 4px rgb(198, 216,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 6.354, 203.805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 216, 217) }
```

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

```
.background{ background-color: rgb(198,  
216, 217) }
```

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