

Converting Colors

CIELCh(85, 13.159, 159.179)

Have a look what the booklet for
CIELCh(85, 13.159, 159.179)
contains.

CIELCh(85, 13.206, 158.997)	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, 13.206, 158.997)

Conversions

Conversions Part 1

Format	Color
Hex	BFDBCB
RGB	191, 219, 203
RGB Percent	75%, 86%, 80%
CMY	0.2512, 0.1414, 0.2042
CMYK	0.13, 0.00, 0.07, 0.14
HSL	146°, 28%, 80%
HSV	146°, 13%, 86%
XYZ	57.5572, 66.0070, 66.1677
YIQ	208.8040, -11.5520, -10.9120

Conversions

Conversions Part 2

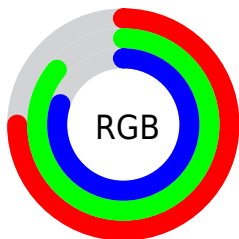
Format	Color
RYB	191, 211, 219
Decimal	12573643
CIELab	85.00, -12.33, 4.73
CIELCh	85, 13.206, 158.997
Yxy	66.0070, 0.3034, 0.3479
Android (android.graphics.Color)	4290763723 (0xFFBFDBC B)
YUV	208.8040, -2.8614, -15.6141
Hunter-Lab	81.2447, -15.7213, 8.5840

Details

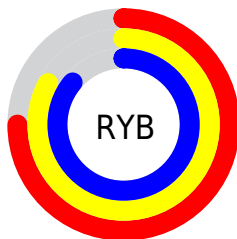
The CIELCh color **85, 13.206, 158.997** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **80, 13.364, 340.973**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 2.426, 199.524**, and **65, 13.283, 159.461** is the 20% darker color. If you saturate the color by 10%, you get **83, 23.522, 158.066**, and if you desaturate by 10%, it is **87, 2.867, 159.921**.

Distribution



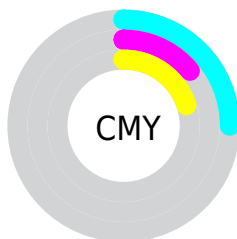
- Red (75%)
- Green (86%)
- Blue (80%)



- Red (75%)
- Yellow (83%)
- Blue (86%)



- Cyan (13%)
- Magenta (0%)
- Yellow (7%)
- Black (14%)





- Cyan (25%)
- Magenta (14%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 13.206, 158.997 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, 13.206, 158.997 by changing the saturation by 10% instead.


 85, 13.206,
158.997


 85, 13.206,
158.997


 100, 13.206,
158.997


 75, 13.206,
158.997

 65, 13.206,
158.997

 55, 13.206,
158.997

 45, 13.206,
158.997

 35, 13.206,
158.997

 25, 13.206,
158.997

 15, 13.206,

158.997

■ 5, 13.206, 158.997

■ 0, 13.206, 158.997

■ 85, 13.206,
158.997

■ 85, 13.206,
158.997

■ 83, 23.522,
158.066

■ 87, 2.867, 159.921

■ 82, 33.670,
157.024

■ 89, 7.392, 340.455

■ 81, 43.489,
155.843

■ 91, 17.042,
339.842

■ 80, 52.798,
154.496

■ 91, 21.737,
326.763

■ 79, 61.419,

■ 91, 22.577,
325.210

152.960

■ 78, 69.198,
151.218

■ 77, 76.029,
149.269

■ 77, 81.887,
147.135

■ 77, 85.610,
145.561

Harmonies

Complementary

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



85, 13.206, 158.997



80, 13.364, 340.973

Rectangle

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



85, 13.206, 158.997



85, 13.206, 208.997



85, 13.206, 338.997



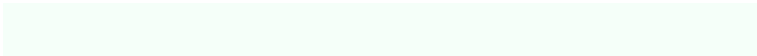
85, 13.206, 28.997

Sweetspot

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



85, 13.208, 158.995



99, 4.658, 159.780



86, 15.275, 125.492



53, 3.312, 159.705



0, 0.000, 0.000



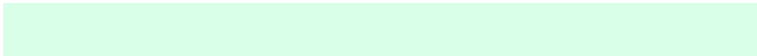
53, 0.007, 296.813

Same Dimension

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



85, 13.208, 158.995



97, 17.534, 158.785



85, 9.897, 191.619



45, 5.866, 159.289



62, 71.344, 145.943



15, 25.978, 150.652

Inverse Universe

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



80, 13.364, 340.973



90, 17.774, 341.175



80, 10.603, 13.528



43, 5.920, 340.686



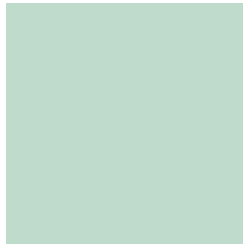
38, 64.741, 355.222



6, 25.927, 349.399

Previews

White Background



This preview shows how the CIELCh color 85, 13.206, 158.997 looks on a white background.

Color Contrast Check

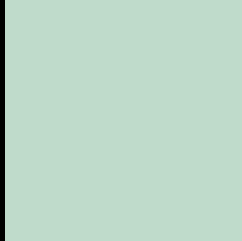
Large Text (above 18pt) WCAG AA × Fail

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, 13.206, 158.997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

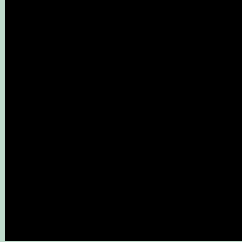
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

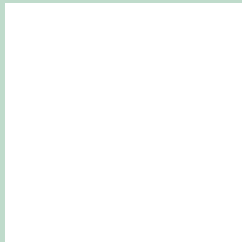
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 13.206, 158.997

Background



This preview shows how black text looks on a background with the CIELCh color 85, 13.206, 158.997.

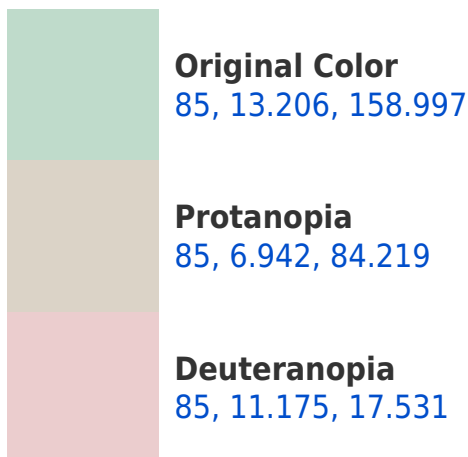


This preview shows how white text looks on a background with the CIELCh color 85, 13.206, 158.997.

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
85, 10.901, 254.476

Trichromacy



Original Color
85, 13.206, 158.997

Protanomaly
85, 7.578, 123.602

Deuteranomaly
85, 4.209, 57.967

Tritanomaly
85, 8.035, 218.131

Monochromacy



Original Color
85, 13.206, 158.997

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 5.104, 160.954

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 13.206, 158.997 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(191, 219, 203)` looks like.

```
.text, #text, p{  
    color:rgb(191, 219, 203)  
}
```

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(191, 219, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 219, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 13.206, 158.997 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(191, 219, 203) }
```

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

```
.border{ border-color:rgb(191, 219, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 219, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 219, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 219, 203);  
box-shadow:4px 4px 4px 4px rgb(191, 219,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 13.206, 158.997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 219, 203) }
```

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

```
.background{ background-color: rgb(191,  
219, 203) }
```

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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