

Converting Colors

CIELCh(85, 10.784, 198.699)

Have a look what the booklet for
CIELCh(85, 10.784, 198.699)
contains.

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Color

CIELCh(85, 10.756, 198.697)

Conversions

Conversions Part 1

Format	Color
Hex	BBDADA
RGB	187, 218, 218
RGB Percent	73%, 85%, 85%
CMY	0.2653, 0.1437, 0.1438
CMYK	0.14, 0.00, 0.00, 0.14
HSL	180°, 30%, 80%
HSV	180°, 14%, 86%
XYZ	58.4352, 66.0070, 76.2247
YIQ	208.7310, -18.4760, -6.5720

Conversions

Conversions Part 2

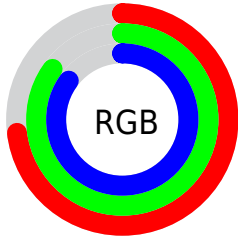
Format	Color
RYB	187, 203, 218
Decimal	12311258
CIELab	85.00, -10.19, -3.45
CIELCh	85, 10.756, 198.697
Yxy	66.0070, 0.2912, 0.3289
Android (android.graphics.Color)	4290501338 (0xFFBBDADA)
YUV	208.7310, 4.5696, -19.0581
Hunter-Lab	81.2447, -13.7922, 1.2448

Details

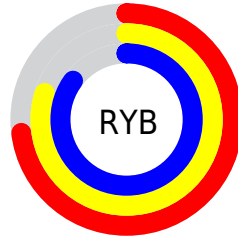
The CIELCh color $85, 10.756, 198.697$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $79, 11.784, 20.309$, and the grayscale version is $84, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 4.141, 199.303$, and $65, 10.864, 198.495$ is the 20% darker color. If you saturate the color by 10%, you get $84, 17.760, 198.179$, and if you desaturate by 10%, it is $86, 3.264, 199.344$.

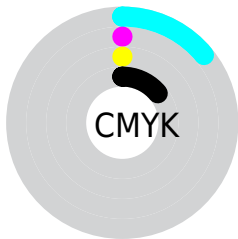
Distribution



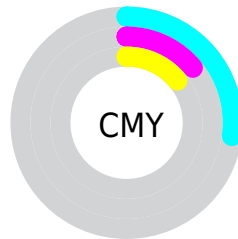
- Red (73%)
- Green (85%)
- Blue (85%)



- Red (73%)
- Yellow (80%)
- Blue (85%)



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





- Cyan (27%)
- Magenta (14%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 10.756, 198.697 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, 10.756, 198.697 by changing the saturation by 10% instead.


 85, 10.756,
198.697


 85, 10.756,
198.697


 100, 10.756,
198.697


 75, 10.756,
198.697

 65, 10.756,
198.697

 55, 10.756,
198.697

 45, 10.756,
198.697

 35, 10.756,
198.697

 25, 10.756,
198.697

 15, 10.756,

198.697

■ 5, 10.756, 198.697

■ 0, 10.756, 198.697

■ 85, 10.756,
198.697

■ 85, 10.756,
198.697

■ 84, 17.760,
198.179

■ 86, 3.264, 199.344

■ 83, 24.145,
197.733

■ 88, 4.600, 19.599

■ 82, 29.789,
197.348

■ 90, 12.729, 20.272

■ 81, 34.580,
197.027

■ 90, 13.543, 20.329

■ 80, 38.434,

■ 90, 13.543, 20.324

■ 90, 13.543, 20.319

196.772

90, 13.543, 20.313

80, 41.311,
196.583

90, 13.543, 20.308

79, 43.223,
196.458

90, 13.543, 20.303

79, 44.253,
196.391

79, 44.578,
196.369

Harmonies

Complementary

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



85, 10.756, 198.697



79, 11.784, 20.309

Rectangle

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



85, 10.756, 198.697



85, 10.756, 248.697



85, 10.756, 18.697



85, 10.756, 68.697

Sweetspot

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



85, 10.757, 198.688



99, 3.526, 199.360



84, 19.862, 143.161



53, 2.501, 199.289



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, 10.757, 198.688



97, 14.478, 198.531



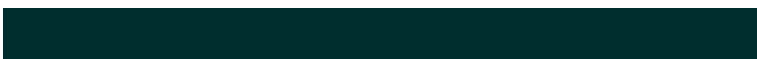
81, 9.590, 255.534



45, 4.371, 198.962



64, 37.535, 196.369



16, 15.075, 196.372

Inverse Universe

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



79, 11.784, 20.309



88, 16.186, 20.564



82, 9.978, 71.846



43, 4.639, 19.922



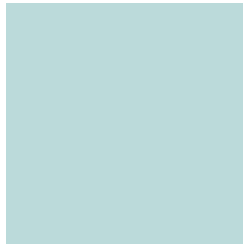
36, 78.230, 39.924



5, 23.840, 20.264

Previews

White Background



This preview shows how the CIELCh color 85, 10.756, 198.697 looks on a white background.

Color Contrast Check

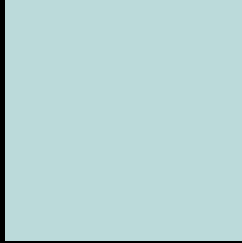
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 85, 10.756, 198.697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

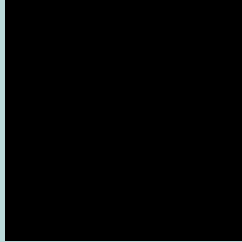
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

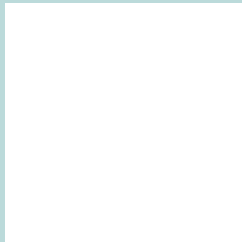
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 10.756, 198.697

Background



This preview shows how black text looks on a background with the CIELCh color 85, 10.756, 198.697.

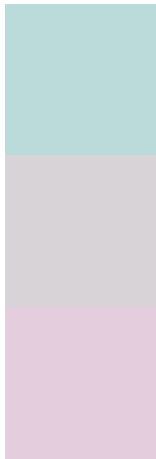


This preview shows how white text looks on a background with the CIELCh color 85, 10.756, 198.697.

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](#).

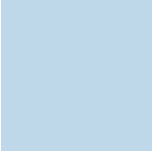
Dichromacy



Original Color
85, 10.756, 198.697

Protanopia
85, 2.159, 332.301

Deuteranopia
85, 11.231, 335.670



Tritanopia
85, 12.346, 245.610

Trichromacy



Original Color
85, 10.756, 198.697

Protanomaly
85, 3.355, 217.648

Deuteranomaly
85, 5.395, 302.054

Tritanomaly
85, 11.018, 230.672

Monochromacy



Original Color
85, 10.756, 198.697

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 3.927, 199.266

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 10.756, 198.697 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(187, 218, 218)` looks like.

```
.text, #text, p{  
    color:rgb(187, 218, 218)  
}
```

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(187, 218, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 218, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 10.756, 198.697 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(187, 218, 218) }
```

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

```
.border{ border-color:rgb(187, 218, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 218, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 218, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 218, 218);  
box-shadow:4px 4px 4px 4px rgb(187, 218,  
218) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 10.756, 198.697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 218, 218) }
```

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

```
.background{ background-color: rgb(187,  
218, 218) }
```

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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