

Converting Colors

CIELCh(85, 11.160, 208.974)

Have a look what the booklet for
CIELCh(85, 11.160, 208.974)
contains.

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Color

CIELCh(85, 11.142, 209.636)

Conversions

Conversions Part 1

Format	Color
Hex	BADADE
RGB	186, 218, 222
RGB Percent	73%, 85%, 87%
CMY	0.2697, 0.1442, 0.1286
CMYK	0.16, 0.02, 0.00, 0.13
HSL	187°, 35%, 80%
HSV	187°, 16%, 87%
XYZ	58.6433, 66.0070, 78.9103
YIQ	208.8880, -20.3560, -5.5400

Conversions

Conversions Part 2

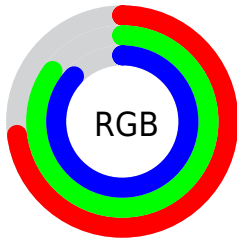
Format	Color
RYB	186, 203, 222
Decimal	12245726
CIELab	85.00, -9.68, -5.51
CIELCh	85, 11.142, 209.636
Yxy	66.0070, 0.2881, 0.3243
Android (android.graphics.Color)	4290435806 (0xFFBADADE)
YUV	208.8880, 6.4642, -20.0728
Hunter-Lab	81.2447, -13.3351, -0.7151

Details

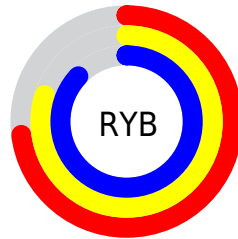
The CIELCh color `85, 11.142, 209.636` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `80, 12.421, 30.101`, and the grayscale version is `84, 0.010, 296.813`.

A 20% lighter version of the original color is `99, 4.482, 199.269`, and `65, 11.237, 209.987` is the 20% darker color. If you saturate the color by 10%, you get `83, 17.423, 209.651`, and if you desaturate by 10%, it is `87, 4.385, 209.776`.

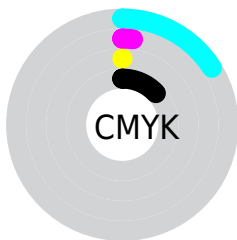
Distribution



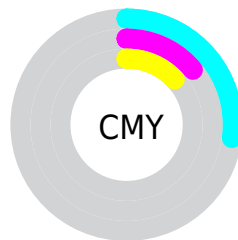
- Red (73%)
- Green (85%)
- Blue (87%)



- Red (73%)
- Yellow (80%)
- Blue (87%)



- Cyan (16%)
- Magenta (2%)
- Yellow (0%)
- Black (13%)





- Cyan (27%)
- Magenta (14%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 11.142, 209.636 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, 11.142, 209.636 by changing the saturation by 10% instead.


 85, 11.142,
209.636


 85, 11.142,
209.636


 100, 11.142,
209.636


 75, 11.142,
209.636

 65, 11.142,
209.636

 55, 11.142,
209.636

 45, 11.142,
209.636

 35, 11.142,
209.636

 25, 11.142,
209.636

 15, 11.142,

209.636

■ 5, 11.142, 209.636

■ 0, 11.142, 209.636

■ 85, 11.142,
209.636

■ 85, 11.142,
209.636

■ 83, 17.423,
209.651

■ 87, 4.385, 209.776

■ 81, 23.111,
209.825

■ 89, 2.744, 29.571

■ 79, 28.090,
210.174

■ 92, 10.152, 29.948

■ 78, 32.251,
210.734

■ 93, 10.340, 36.926

■ 77, 35.512,

■ 93, 9.951, 45.324

■ 94, 9.794, 54.185

211.548

94, 9.877, 63.100

75, 37.830,
212.661

95, 10.194, 71.646

74, 39.222,
214.117

96, 10.724, 79.496

74, 39.785,
215.950

73, 39.884,
216.707

Harmonies

Complementary

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



85, 11.142, 209.636



80, 12.421, 30.101

Rectangle

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



85, 11.142, 209.636



85, 11.142, 259.636



85, 11.142, 29.636



85, 11.142, 79.636

Sweetspot

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



85, 11.143, 209.627



99, 3.964, 209.821



85, 21.588, 146.235



53, 2.699, 209.792



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, 11.143, 209.627



95, 14.475, 209.619



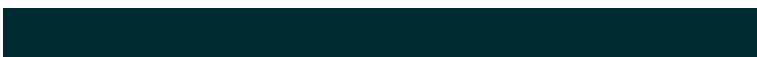
80, 12.394, 267.735



46, 4.012, 209.698



59, 33.539, 216.353



15, 13.962, 212.723

Inverse Universe

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



80, 21.461, 328.544



88, 28.163, 328.721



84, 12.605, 83.319



44, 7.556, 328.134



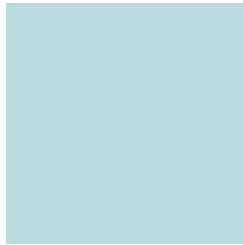
41, 80.220, 333.191



7, 33.336, 332.286

Previews

White Background



This preview shows how the CIE LCh color 85, 11.142, 209.636 looks on a white background.

Color Contrast Check

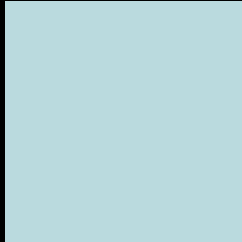
Large Text (above 18pt) WCAG AA × Fail

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, 11.142, 209.636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

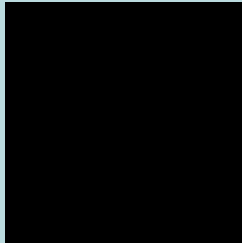
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

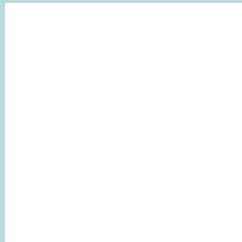
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 11.142, 209.636

Background



This preview shows how black text looks on a background with the CIELCh color 85, 11.142, 209.636.

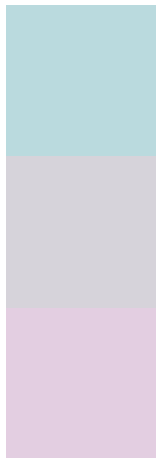


This preview shows how white text looks on a background with the CIELCh color 85, 11.142, 209.636.

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, 11.142, 209.636

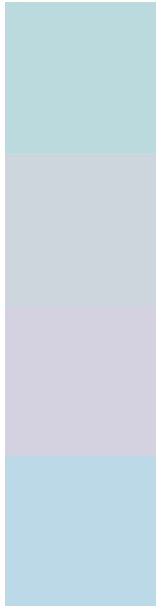
Protanopia
85, 3.858, 306.660

Deuteranopia
85, 12.561, 327.637



Tritanopia
85, 13.144, 245.270

Trichromacy



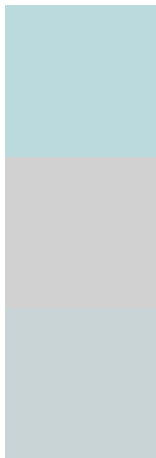
Original Color
85, 11.142, 209.636

Protanomaly
85, 4.689, 241.692

Deuteranomaly
85, 7.423, 296.267

Tritanomaly
85, 12.072, 233.502

Monochromacy



Original Color
85, 11.142, 209.636

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 4.034, 214.441

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 11.142, 209.636 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(186, 218, 222)` looks like.

```
.text, #text, p{  
    color:rgb(186, 218, 222)  
}
```

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(186, 218, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 218, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 11.142, 209.636 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(186, 218, 222) }
```

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

```
.border{ border-color:rgb(186, 218, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 218, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 218, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 218, 222);  
box-shadow:4px 4px 4px 4px rgb(186, 218,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 11.142, 209.636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 218, 222) }
```

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

```
.background{ background-color: rgb(186,  
218, 222) }
```

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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