

Converting Colors

CIELCh(85, 11.791, 232.197)

Have a look what the booklet for
CIELCh(85, 11.791, 232.197)
contains.

CIELCh(85, 11.816, 231.269)	3
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Color

CIELCh(85, 11.816, 231.269)

Conversions

Conversions Part 1

Format	Color
Hex	BBD9E5
RGB	187, 217, 229
RGB Percent	73%, 85%, 90%
CMY	0.2658, 0.1481, 0.1010
CMYK	0.18, 0.05, 0.00, 0.10
HSL	197°, 45%, 82%
HSV	197°, 18%, 90%
XYZ	59.5955, 66.0070, 83.8981
YIQ	209.3980, -21.7320, -2.6280

Conversions

Conversions Part 2

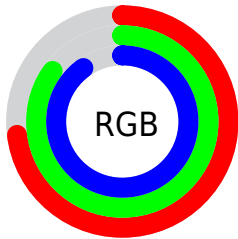
Format	Color
R _Y B	187, 205, 229
Decimal	12311013
CIE Lab	85.00, -7.39, -9.22
CIE LCh	85, 11.816, 231.269
Yxy	66.0070, 0.2845, 0.3151
Android (android.graphics.Color)	4290501093 (0xFFBBD9E5)
YUV	209.3980, 9.6638, -19.6430
Hunter-Lab	81.2447, -11.2430, -4.3550

Details

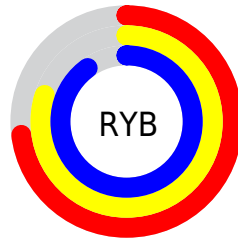
The CIELCh color **85, 11.816, 231.269** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **83, 13.162, 48.709**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 3.799, 199.339**, and **65, 11.987, 232.697** is the 20% darker color. If you saturate the color by 10%, you get **82, 17.762, 232.355**, and if you desaturate by 10%, it is **88, 5.495, 230.452**.

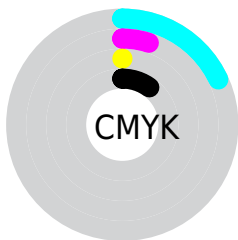
Distribution



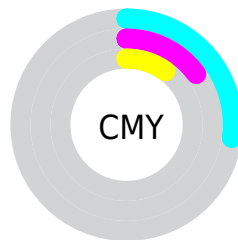
- Red (73%)
- Green (85%)
- Blue (90%)



- Red (73%)
- Yellow (80%)
- Blue (90%)



- Cyan (18%)
- Magenta (5%)
- Yellow (0%)
- Black (10%)





- Cyan (27%)
- Magenta (15%)
- Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 11.816, 231.269 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, 11.816, 231.269 by changing the saturation by 10% instead.


 85, 11.816,
231.269


 85, 11.816,
231.269


 100, 11.816,
231.269


 75, 11.816,
231.269

 65, 11.816,
231.269

 55, 11.816,
231.269

 45, 11.816,
231.269

 35, 11.816,
231.269

 25, 11.816,
231.269

 15, 11.816,

231.269

■ 5, 11.816, 231.269

■ 0, 11.816, 231.269

■ 85, 11.816,
231.269

■ 85, 11.816,
231.269

■ 82, 17.762,
232.355

■ 88, 5.495, 230.452

■ 79, 23.249,
233.770

■ 92, 1.122, 49.173

■ 76, 28.197,
235.579

■ 95, 7.648, 50.424

■ 73, 32.538,
237.870

■ 97, 8.354, 79.386

■ 71, 36.237,

■ 98, 10.679, 99.531

■ 99, 13.040,
109.192

240.738

■ 68, 39.313,
244.265

■ 66, 41.863,
248.493

■ 64, 44.083,
253.339

■ 63, 44.462,
254.154

Harmonies

Complementary

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



85, 11.816, 231.269



83, 13.162, 48.709

Rectangle

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



85, 11.816, 231.269



85, 11.816, 281.269



85, 11.816, 51.269



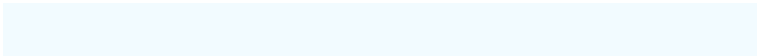
85, 11.816, 101.269

Sweetspot

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



85, 11.816, 231.260



98, 3.624, 230.278



87, 21.927, 152.279



52, 2.469, 230.307



0, 0.000, 0.000



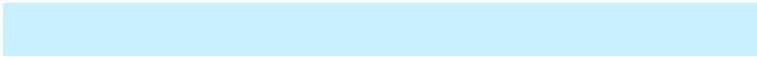
53, 0.007, 296.813

Same Dimension

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



85, 11.816, 231.260



92, 15.311, 231.642



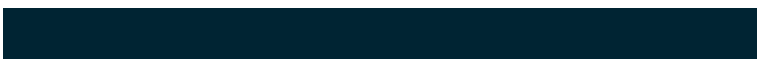
80, 17.749, 281.786



46, 3.743, 230.527



50, 36.621, 253.256



13, 14.552, 244.379

Inverse Universe

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



80, 22.043, 334.965



86, 28.890, 335.249



88, 17.437, 97.231



45, 6.801, 334.319



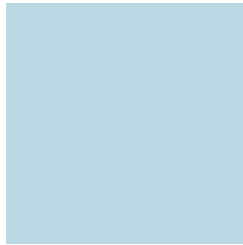
40, 71.323, 343.789



8, 30.799, 340.766

Previews

White Background



This preview shows how the CIELCh color 85, 11.816, 231.269 looks on a white background.

Color Contrast Check

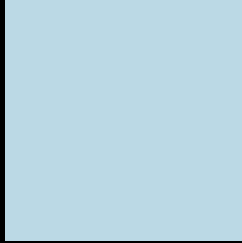
Large Text (above 18pt) WCAG AA × Fail

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, 11.816, 231.269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

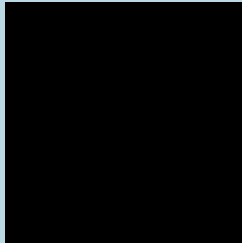
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 11.816, 231.269

Background



This preview shows how black text looks on a background with the CIELCh color 85, 11.816, 231.269.

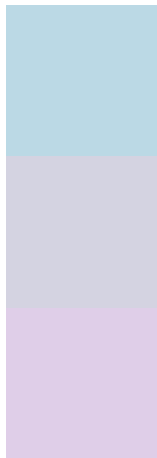


This preview shows how white text looks on a background with the CIELCh color 85, 11.816, 231.269.

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](#).

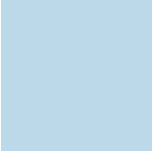
Dichromacy



Original Color
85, 11.816, 231.269

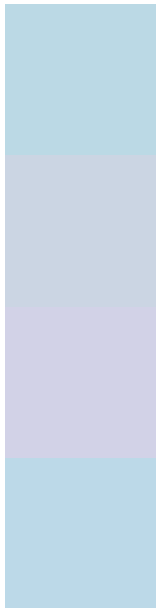
Protanopia
85, 7.387, 293.544

Deuteranopia
85, 15.018, 314.712



Tritanopia
85, 13.022, 242.472

Trichromacy



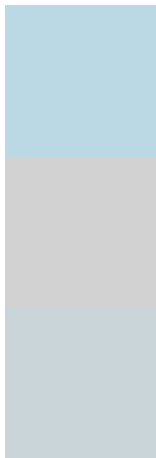
Original Color
85, 11.816, 231.269

Protanomaly
85, 8.077, 265.345

Deuteranomaly
85, 11.064, 291.122

Tritanomaly
85, 12.385, 238.633

Monochromacy



Original Color
85, 11.816, 231.269

Achromatopsia
84, 0.010, 296.813

Achromatomaly
85, 4.393, 227.973

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 11.816, 231.269 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, 217, 229)` looks like.

```
.text, #text, p{  
    color:rgb(187, 217, 229)  
}
```

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, 217, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 217, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 11.816, 231.269 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, 217, 229) }
```

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

```
.border{ border-color:rgb(187, 217, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 217, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 217, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 217, 229);  
box-shadow:4px 4px 4px 4px rgb(187, 217,  
229) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 11.816, 231.269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 217, 229) }
```

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

```
.background{ background-color: rgb(187,  
217, 229) }
```

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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