

Converting Colors

CIELCh(85, 11.593, 179.040)

Have a look what the booklet for
CIELCh(85, 11.593, 179.040)
contains.

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Color

CIELCh(85, 11.786, 177.658)

Conversions

Conversions Part 1

Format	Color
Hex	BCDBD3
RGB	188, 219, 211
RGB Percent	74%, 86%, 83%
CMY	0.2630, 0.1414, 0.1728
CMYK	0.14, 0.00, 0.04, 0.14
HSL	165°, 30%, 80%
HSV	165°, 14%, 86%
XYZ	57.7830, 66.0070, 71.2757
YIQ	208.8190, -15.9080, -9.0600

Conversions

Conversions Part 2

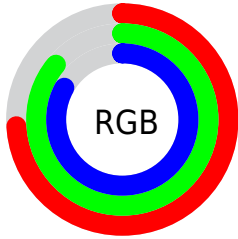
Format	Color
RYB	188, 206, 219
Decimal	12377043
CIELab	85.00, -11.78, 0.48
CIELCh	85, 11.786, 177.658
Yxy	66.0070, 0.2962, 0.3384
Android (android.graphics.Color)	4290567123 (0xFFBCDBD3)
YUV	208.8190, 1.0752, -18.2583
Hunter-Lab	81.2447, -15.2252, 4.8564

Details

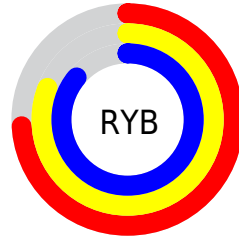
The CIELCh color **85, 11.786, 177.658** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **79, 12.353, 0.285**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 3.799, 199.339**, and **65, 11.810, 179.110** is the 20% darker color. If you saturate the color by 10%, you get **84, 19.825, 176.630**, and if you desaturate by 10%, it is **87, 3.494, 178.699**.

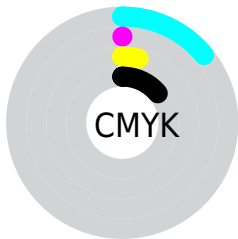
Distribution



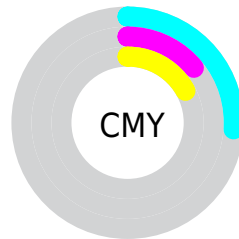
- Red (74%)
- Green (86%)
- Blue (83%)



- Red (74%)
- Yellow (81%)
- Blue (86%)



- Cyan (14%)
- Magenta (0%)
- Yellow (4%)
- Black (14%)





- Cyan (26%)
- Magenta (14%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 11.786, 177.658 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, 11.786, 177.658 by changing the saturation by 10% instead.


 85, 11.786,
177.658


 85, 11.786,
177.658


 100, 11.786,
177.658


 75, 11.786,
177.658

 65, 11.786,
177.658

 55, 11.786,
177.658

 45, 11.786,
177.658

 35, 11.786,
177.658

 25, 11.786,
177.658

 15, 11.786,

177.658

■ 5, 11.786, 177.658

■ 0, 11.786, 177.658

■ 85, 11.786,
177.658

■ 85, 11.786,
177.658

■ 84, 19.825,
176.630

■ 87, 3.494, 178.699

■ 82, 27.475,
175.542

■ 88, 4.943, 359.331

■ 81, 34.597,
174.363

■ 90, 13.429, 0.243

■ 80, 41.051,
173.070

■ 91, 15.046,
350.411

■ 79, 46.714,

■ 91, 16.635,
341.597

171.640

91, 18.560,
334.507

79, 51.499,
170.047

91, 20.727,
328.870

78, 55.380,
168.269

91, 22.583,
325.211

78, 58.408,
166.300

78, 59.912,
165.104

Harmonies

Complementary

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



85, 11.786, 177.658



79, 12.353, 0.285

Rectangle

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



85, 11.786, 177.658



85, 11.786, 227.658



85, 11.786, 357.658



85, 11.786, 47.658

Sweetspot

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



85, 11.788, 177.652



99, 3.802, 178.716



85, 18.344, 136.151



53, 2.701, 178.622



0, 0.000, 0.000



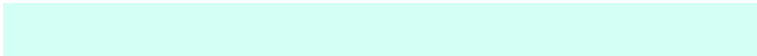
53, 0.007, 296.813

Same Dimension

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



85, 11.788, 177.652



97, 15.956, 177.352



83, 8.992, 224.157



45, 4.756, 178.126



63, 50.084, 165.460



16, 19.007, 169.576

Inverse Universe

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



79, 12.353, 0.285



89, 16.893, 0.627



81, 9.817, 42.887



43, 4.907, 359.764



36, 67.007, 24.495



5, 23.811, 9.031

Previews

White Background



This preview shows how the CIELCh color 85, 11.786, 177.658 looks on a white background.

Color Contrast Check

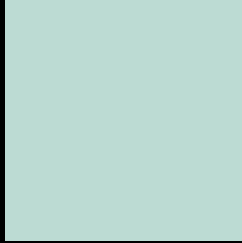
Large Text (above 18pt) WCAG AA × Fail

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, 11.786, 177.658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

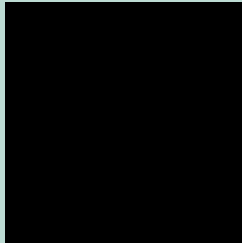
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

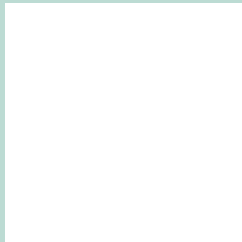
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 11.786, 177.658

Background



This preview shows how black text looks on a background with the CIELCh color 85, 11.786, 177.658.

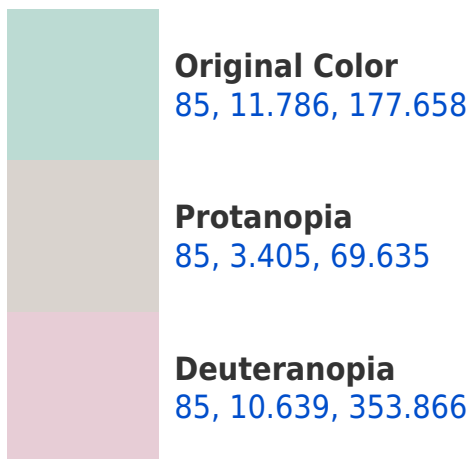


This preview shows how white text looks on a background with the CIELCh color 85, 11.786, 177.658.

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](#).

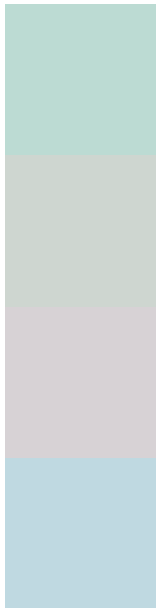
Dichromacy





Tritanopia
85, 11.907, 247.904

Trichromacy



Original Color
85, 11.786, 177.658

Protanomaly
85, 4.301, 152.176

Deuteranomaly
85, 2.421, 338.643

Tritanomaly
85, 9.779, 224.463

Monochromacy



Original Color
85, 11.786, 177.658

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 4.604, 179.120

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 11.786, 177.658 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(188, 219, 211)` looks like.

```
.text, #text, p{  
    color:rgb(188, 219, 211)  
}
```

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(188, 219, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 219, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 11.786, 177.658 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(188, 219, 211) }
```

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

```
.border{ border-color:rgb(188, 219, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 219, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 219, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 219, 211);  
box-shadow:4px 4px 4px 4px rgb(188, 219,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 11.786, 177.658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 219, 211) }
```

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

```
.background{ background-color: rgb(188,  
219, 211) }
```

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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