

Converting Colors

CIELCh(85, 15.104, 173.863)

Have a look what the booklet for
CIELCh(85, 15.104, 173.863)
contains.

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Color

CIELCh(85, 15.195, 173.787)

Conversions

Conversions Part 1

Format	Color
Hex	B6DDD1
RGB	182, 221, 209
RGB Percent	71%, 87%, 82%
CMY	0.2877, 0.1348, 0.1818
CMYK	0.18, 0.00, 0.05, 0.13
HSL	162°, 36%, 79%
HSV	162°, 18%, 87%
XYZ	56.4310, 66.0070, 69.8535
YIQ	207.9710, -19.3920, -12.0000

Conversions

Conversions Part 2

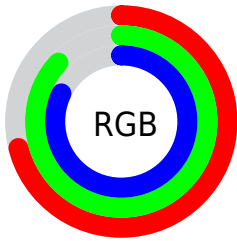
Format	Color
R _{YB}	182, 205, 221
Decimal	11984337
CIE Lab	85.00, -15.11, 1.64
CIE LCh	85, 15.195, 173.787
Yxy	66.0070, 0.2935, 0.3433
Android (android.graphics.Color)	4290174417 (0xFFB6DDD1)
YUV	207.9710, 0.5073, -22.7766
Hunter-Lab	81.2447, -18.1956, 5.8943

Details

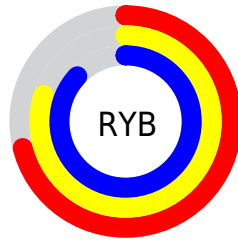
The CIELCh color **85, 15.195, 173.787** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **78, 15.970, 357.178**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 5.840, 199.149**, and **65, 15.026, 174.068** is the 20% darker color. If you saturate the color by 10%, you get **84, 23.480, 172.719**, and if you desaturate by 10%, it is **87, 6.652, 174.800**.

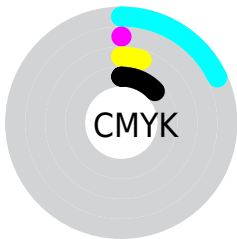
Distribution



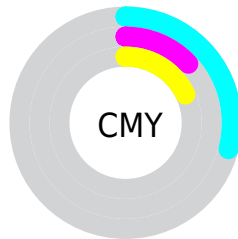
- Red (71%)
- Green (87%)
- Blue (82%)



- Red (71%)
- Yellow (80%)
- Blue (87%)



- Cyan (18%)
- Magenta (0%)
- Yellow (5%)
- Black (13%)





- Cyan (29%)
- Magenta (13%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 15.195, 173.787 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, 15.195, 173.787 by changing the saturation by 10% instead.


 85, 15.195,
173.787


 85, 15.195,
173.787


 100, 15.195,
173.787


 75, 15.195,
173.787

 65, 15.195,
173.787

 55, 15.195,
173.787

 45, 15.195,
173.787

 35, 15.195,
173.787

 25, 15.195,
173.787

 15, 15.195,

173.787

■ 5, 15.195, 173.787

■ 0, 15.195, 173.787

■ 85, 15.195,
173.787

■ 85, 15.195,
173.787

■ 84, 23.480,
172.719

■ 87, 6.652, 174.800

■ 82, 31.365,
171.565

■ 88, 2.033, 355.381

■ 90, 10.760,
356.439

■ 81, 38.705,
170.299

■ 91, 14.638,
348.142

■ 80, 45.357,
168.894

■ 91, 16.709,
337.851

■ 80, 51.202,

167.326

92, 19.213,
330.099

79, 56.164,
165.570

92, 21.508,
325.173

79, 60.234,
163.612

78, 63.511,
161.468

78, 64.226,
160.971

Harmonies

Complementary

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



85, 15.195, 173.787



78, 15.970, 357.178

Rectangle

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



85, 15.195, 173.787



85, 15.195, 223.787



85, 15.195, 353.787



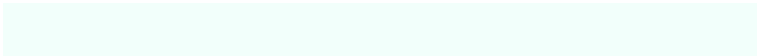
85, 15.195, 43.787

Sweetspot

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



85, 15.197, 173.783



99, 4.880, 175.085



85, 22.727, 134.421



53, 3.329, 175.005



0, 0.000, 0.000



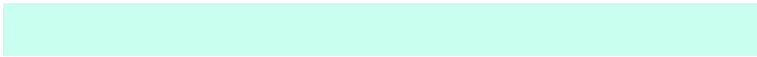
53, 0.007, 296.813

Same Dimension

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



85, 15.197, 173.783



96, 20.225, 173.419



83, 11.439, 218.077



45, 4.892, 174.620



63, 53.321, 161.360



16, 20.029, 165.758

Inverse Universe

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



78, 15.970, 357.178



86, 21.472, 357.592



79, 12.856, 37.397



43, 5.024, 356.265



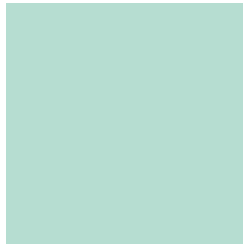
36, 65.338, 20.121



6, 23.919, 6.539

Previews

White Background



This preview shows how the CIELCh color 85, 15.195, 173.787 looks on a white background.

Color Contrast Check

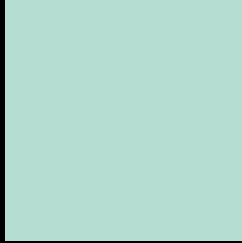
Large Text (above 18pt) WCAG AA × Fail

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, 15.195, 173.787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

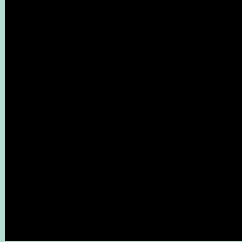
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

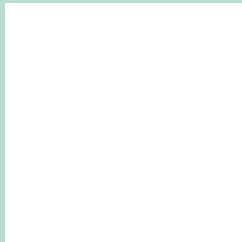
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 15.195, 173.787

Background



This preview shows how black text looks on a background with the CIELCh color 85, 15.195, 173.787.

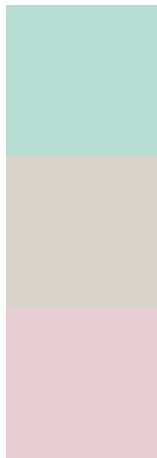


This preview shows how white text looks on a background with the CIELCh color 85, 15.195, 173.787.

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, 15.195, 173.787

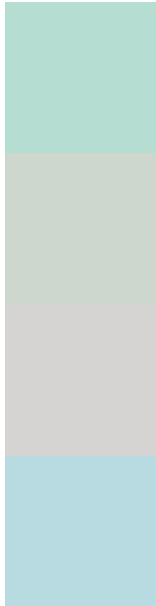
Protanopia
85, 4.907, 78.012

Deuteranopia
85, 10.588, 359.928



Tritanopia
85, 13.493, 240.577

Trichromacy



Original Color
85, 15.195, 173.787

Protanomaly
85, 6.415, 144.221

Deuteranomaly
85, 1.089, 18.958

Tritanomaly
85, 12.051, 216.560

Monochromacy



Original Color
85, 15.195, 173.787

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 6.027, 173.132

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 15.195, 173.787 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(182, 221, 209)` looks like.

```
.text, #text, p{  
    color:rgb(182, 221, 209)  
}
```

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(182, 221, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 221, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 15.195, 173.787 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(182, 221, 209) }
```

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

```
.border{ border-color:rgb(182, 221, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 221, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 221, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 221, 209);  
box-shadow:4px 4px 4px 4px rgb(182, 221,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 15.195, 173.787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 221, 209) }
```

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

```
.background{ background-color: rgb(182,  
221, 209) }
```

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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