

Converting Colors

CIELCh(85, 14.599, 191.927)

Have a look what the booklet for
CIELCh(85, 14.599, 191.927)
contains.

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Color

CIELCh(85, 14.975, 190.273)

Conversions

Conversions Part 1

Format	Color
Hex	B2DDD9
RGB	178, 221, 217
RGB Percent	70%, 87%, 85%
CMY	0.3029, 0.1343, 0.1500
CMYK	0.19, 0.00, 0.02, 0.13
HSL	174°, 39%, 78%
HSV	174°, 19%, 87%
XYZ	56.5805, 66.0070, 75.2281
YIQ	207.6870, -24.3440, -10.3600

Conversions

Conversions Part 2

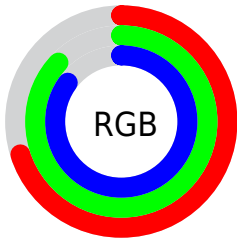
Format	Color
RYB	178, 201, 221
Decimal	11722201
CIELab	85.00, -14.73, -2.67
CIELCh	85, 14.975, 190.273
Yxy	66.0070, 0.2860, 0.3337
Android (android.graphics.Color)	4289912281 (0xFFB2DDD9)
YUV	207.6870, 4.5913, -26.0355
Hunter-Lab	81.2447, -17.8671, 1.9721

Details

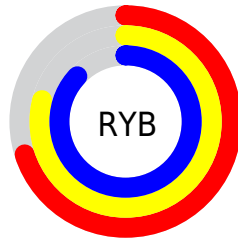
The CIELCh color **85, 14.975, 190.273** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **76, 16.637, 13.463**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 7.186, 199.043**, and **65, 15.216, 189.660** is the 20% darker color. If you saturate the color by 10%, you get **84, 22.020, 189.482**, and if you desaturate by 10%, it is **86, 7.454, 191.071**.

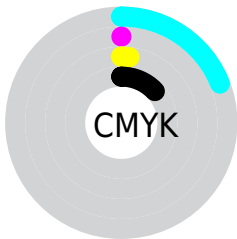
Distribution



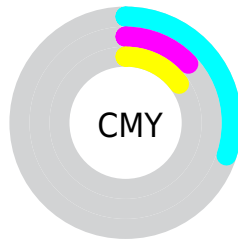
- Red (70%)
- Green (87%)
- Blue (85%)



- Red (70%)
- Yellow (79%)
- Blue (87%)



- Cyan (19%)
- Magenta (0%)
- Yellow (2%)
- Black (13%)





- Cyan (30%)
- Magenta (13%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 14.975, 190.273 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, 14.975, 190.273 by changing the saturation by 10% instead.


 85, 14.975,
190.273


 85, 14.975,
190.273


 100, 14.975,
190.273


 75, 14.975,
190.273

 65, 14.975,
190.273

 55, 14.975,
190.273

 45, 14.975,
190.273

 35, 14.975,
190.273

 25, 14.975,
190.273

 15, 14.975,

190.273

■ 5, 14.975, 190.273

■ 0, 14.975, 190.273

■ 85, 14.975,
190.273

■ 85, 14.975,
190.273

■ 84, 22.020,
189.482

■ 86, 7.454, 191.071

■ 83, 28.453,
188.689

■ 88, 0.421, 10.376

■ 90, 8.535, 12.435

■ 82, 34.144,
187.879

■ 91, 12.709, 10.458

■ 81, 38.977,
187.040

■ 91, 12.894, 5.805

■ 91, 13.164, 1.316

■ 80, 42.870,

186.156

91, 13.514,
357.038

80, 45.791,
185.211

91, 13.938,
353.003

80, 47.772,
184.187

91, 14.430,
349.230

79, 48.986,
183.082

79, 49.043,
183.025

Harmonies

Complementary

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



85, 14.975, 190.273



76, 16.637, 13.463

Rectangle

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



85, 14.975, 190.273



85, 14.975, 240.273



85, 14.975, 10.273



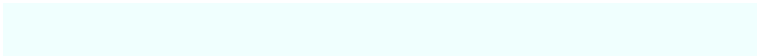
85, 14.975, 60.273

Sweetspot

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



85, 14.976, 190.268



99, 5.338, 191.375



84, 26.799, 140.633



53, 3.537, 191.313



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, 14.976, 190.268



96, 19.683, 189.976



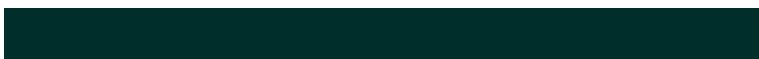
81, 12.481, 246.338



45, 4.441, 191.075



64, 40.888, 183.221



16, 16.142, 185.326

Inverse Universe

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



76, 16.637, 13.463



85, 22.348, 13.895



80, 13.574, 61.890



43, 4.665, 12.421



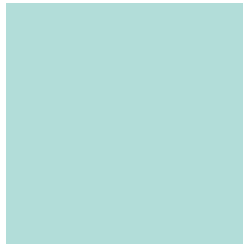
36, 74.390, 35.985



5, 23.734, 16.251

Previews

White Background



This preview shows how the CIELCh color 85, 14.975, 190.273 looks on a white background.

Color Contrast Check

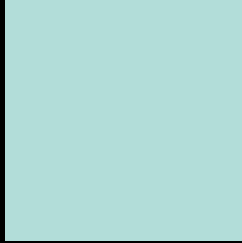
Large Text (above 18pt) WCAG AA × Fail

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, 14.975, 190.273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

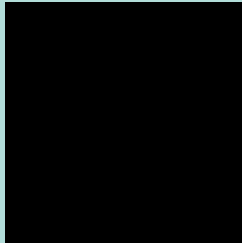
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

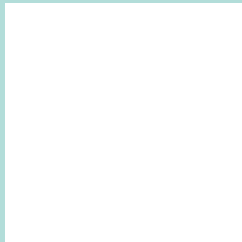
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 14.975, 190.273

Background



This preview shows how black text looks on a background with the CIELCh color 85, 14.975, 190.273.

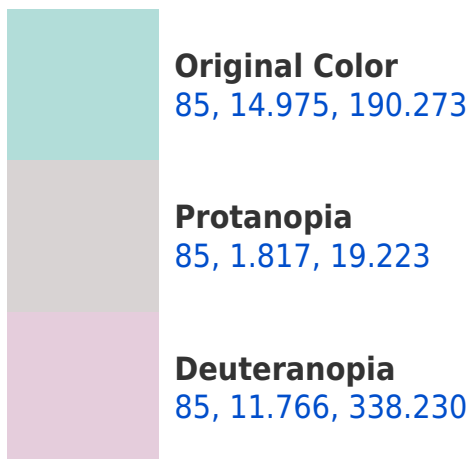


This preview shows how white text looks on a background with the CIELCh color 85, 14.975, 190.273.

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](#).

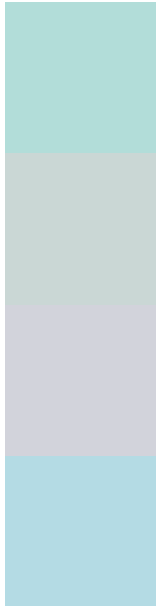
Dichromacy





Tritanopia
85, 14.952, 235.661

Trichromacy



Original Color
85, 14.975, 190.273

Protanomaly
85, 4.771, 186.438

Deuteranomaly
85, 4.227, 285.728

Tritanomaly
85, 13.815, 218.734

Monochromacy



Original Color
85, 14.975, 190.273

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 5.725, 193.791

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 14.975, 190.273 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(178, 221, 217)` looks like.

```
.text, #text, p{  
    color:rgb(178, 221, 217)  
}
```

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(178, 221, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 221, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 14.975, 190.273 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(178, 221, 217) }
```

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

```
.border{ border-color:rgb(178, 221, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 221, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 221, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 221, 217);  
box-shadow:4px 4px 4px 4px rgb(178, 221,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 14.975, 190.273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 221, 217) }
```

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

```
.background{ background-color: rgb(178,  
221, 217) }
```

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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