

Converting Colors

CIELCh(84, 13.639, 174.479)

Have a look what the booklet for
CIELCh(84, 13.639, 174.479)
contains.

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Color

CIELCh(84, 13.519, 175.476)

Conversions

Conversions Part 1

Format	Color
Hex	B6D9CF
RGB	182, 217, 207
RGB Percent	71%, 85%, 81%
CMY	0.2863, 0.1491, 0.1883
CMYK	0.16, 0.00, 0.05, 0.15
HSL	163°, 32%, 78%
HSV	163°, 16%, 85%
XYZ	55.3576, 64.0658, 68.4704
YIQ	205.3950, -17.6500, -10.5300

Conversions

Conversions Part 2

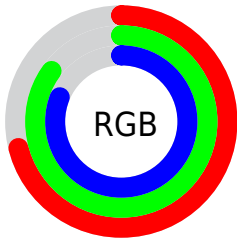
Format	Color
RYB	182, 202, 217
Decimal	11983311
CIELab	84.00, -13.48, 1.07
CIELCh	84, 13.519, 175.476
Yxy	64.0658, 0.2946, 0.3410
Android (android.graphics.Color)	4290173391 (0xFFB6D9CF)
YUV	205.3950, 0.7913, -20.5174
Hunter-Lab	80.0411, -16.6186, 5.3097

Details

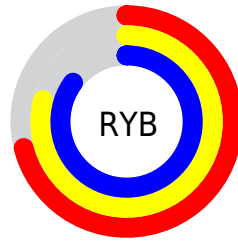
The CIELCh color $84, 13.519, 175.476$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $77, 14.196, 358.533$, and the grayscale version is $83, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 5.840, 199.149$, and $64, 13.288, 176.009$ is the 20% darker color. If you saturate the color by 10%, you get $83, 21.603, 174.426$, and if you desaturate by 10%, it is $86, 5.183, 176.492$.

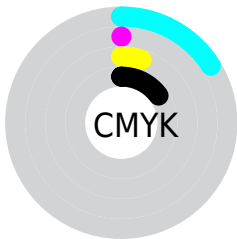
Distribution



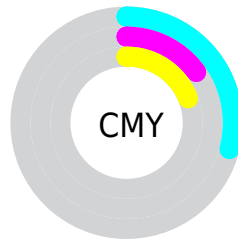
- Red (71%)
- Green (85%)
- Blue (81%)



- Red (71%)
- Yellow (79%)
- Blue (85%)



- Cyan (16%)
- Magenta (0%)
- Yellow (5%)
- Black (15%)





- Cyan (29%)
- Magenta (15%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 13.519, 175.476 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 84, 13.519, 175.476 by changing the saturation by 10% instead.


 84, 13.519,
175.476


 84, 13.519,
175.476


 100, 13.519,
175.476


 74, 13.519,
175.476

 64, 13.519,
175.476

 54, 13.519,
175.476

 44, 13.519,
175.476

 34, 13.519,
175.476

 24, 13.519,
175.476

 14, 13.519,

175.476

■ 4, 13.519, 175.476

■ 0, 13.519, 175.476

■ 84, 13.519,
175.476

■ 84, 13.519,
175.476

■ 83, 21.603,
174.426

■ 86, 5.183, 176.492

■ 81, 29.297,
173.301

■ 87, 3.295, 357.138

■ 80, 36.460,
172.073

■ 89, 11.816,
358.101

■ 79, 42.953,
170.718

■ 90, 15.733,
351.463

■ 79, 48.656,

■ 90, 17.436,
342.124

169.210

91, 19.533,
334.667

78, 53.490,
167.525

91, 21.909,
328.793

78, 57.435,
165.645

91, 23.806,
325.253

77, 60.562,
163.571

77, 61.655,
162.758

Harmonies

Complementary

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



84, 13.519, 175.476



77, 14.196, 358.533

Rectangle

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



84, 13.519, 175.476



84, 13.519, 225.476



84, 13.519, 355.476



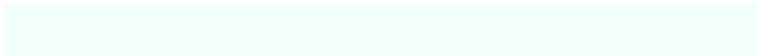
84, 13.519, 45.476

Sweetspot

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



84, 13.521, 175.471



99, 4.820, 176.614



84, 20.557, 135.022



53, 3.288, 176.534



0, 0.000, 0.000



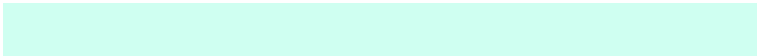
53, 0.007, 296.813

Same Dimension

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



84, 13.521, 175.471



96, 18.087, 175.160



82, 10.258, 220.072



45, 4.829, 176.147



63, 51.872, 163.114



16, 19.570, 167.401

Inverse Universe

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



77, 14.196, 358.533



87, 19.174, 358.888



79, 11.387, 39.174



43, 4.970, 357.792



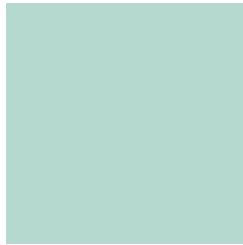
36, 66.024, 22.093



5, 23.865, 7.675

Previews

White Background



This preview shows how the CIELCh color 84, 13.519, 175.476 looks on a white background.

Color Contrast Check

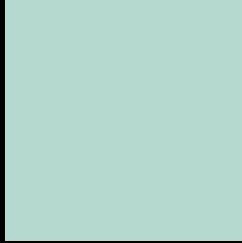
Large Text (above 18pt) WCAG AA × Fail

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 84, 13.519, 175.476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

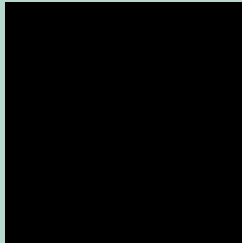
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

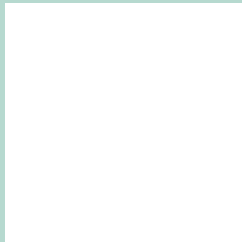
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 13.519, 175.476

Background



This preview shows how black text looks on a background with the CIELCh color 84, 13.519, 175.476.

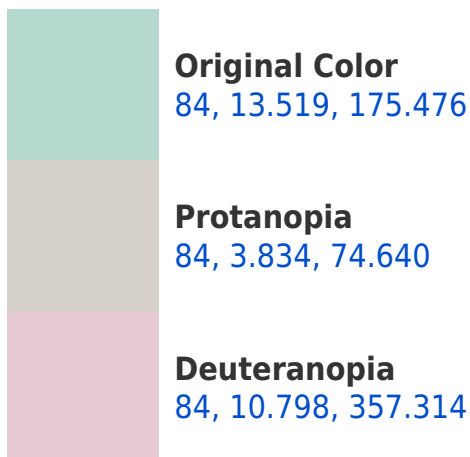


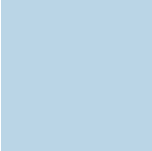
This preview shows how white text looks on a background with the CIELCh color 84, 13.519, 175.476.

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
84, 12.596, 244.560

Trichromacy



Original Color
84, 13.519, 175.476

Protanomaly
84, 4.953, 151.112

Deuteranomaly
84, 2.117, 349.404

Tritanomaly
84, 10.700, 222.129

Monochromacy



Original Color
84, 13.519, 175.476

Achromatopsia
82, 0.010, 296.813

Achromatomaly
83, 4.620, 179.108

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 13.519, 175.476 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, 217, 207)` looks like.

```
.text, #text, p{  
    color:rgb(182, 217, 207)  
}
```

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, 217, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 217, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 13.519, 175.476 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, 217, 207) }
```

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

```
.border{ border-color:rgb(182, 217, 207) }
```

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

Here you see how a box with a 4 pixel rgb(182, 217, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 217, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 217, 207);  
box-shadow:4px 4px 4px 4px rgb(182, 217,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 13.519, 175.476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 217, 207) }
```

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

```
.background{ background-color: rgb(182,  
217, 207) }
```

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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