

Converting Colors

CIELCh(84, 15.366, 169.065)

Have a look what the booklet for
CIELCh(84, 15.366, 169.065)
contains.

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Color

CIELCh(84, 15.747, 168.151)

Conversions

Conversions Part 1

Format	Color
Hex	B4DACB
RGB	180, 218, 203
RGB Percent	71%, 85%, 80%
CMY	0.2946, 0.1456, 0.2044
CMYK	0.17, 0.00, 0.07, 0.15
HSL	156°, 34%, 78%
HSV	156°, 17%, 85%
XYZ	54.5918, 64.0658, 65.9053
YIQ	204.9280, -17.8330, -12.7210

Conversions

Conversions Part 2

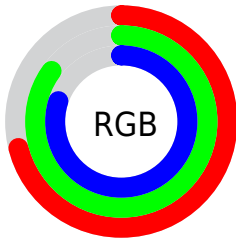
Format	Color
RYB	180, 204, 218
Decimal	11852491
CIELab	84.00, -15.41, 3.23
CIELCh	84, 15.747, 168.151
Yxy	64.0658, 0.2958, 0.3471
Android (android.graphics.Color)	4290042571 (0xFFB4DACB)
YUV	204.9280, -0.9505, -21.8619
Hunter-Lab	80.0411, -18.3266, 7.2098

Details

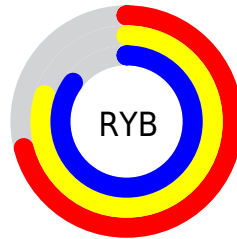
The CIELCh color **84, 15.747, 168.151** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **77, 16.309, 351.381**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 6.515, 199.095**, and **64, 15.633, 168.075** is the 20% darker color. If you saturate the color by 10%, you get **83, 24.563, 167.088**, and if you desaturate by 10%, it is **86, 6.745, 169.145**.

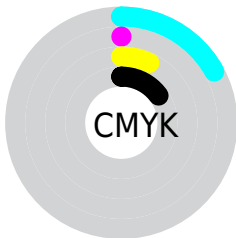
Distribution



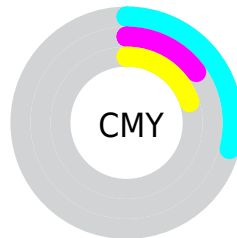
- Red (71%)
- Green (85%)
- Blue (80%)



- Red (71%)
- Yellow (80%)
- Blue (85%)



- Cyan (17%)
- Magenta (0%)
- Yellow (7%)
- Black (15%)





- Cyan (29%)
- Magenta (15%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 15.747, 168.151 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, 15.747, 168.151 by changing the saturation by 10% instead.


 84, 15.747,
168.151


 84, 15.747,
168.151


 100, 15.747,
168.151


 74, 15.747,
168.151


 64, 15.747,
168.151

 54, 15.747,
168.151

 44, 15.747,
168.151

 34, 15.747,
168.151

 24, 15.747,
168.151

 14, 15.747,

168.151

■ 4, 15.747, 168.151

■ 0, 15.747, 168.151

■ 84, 15.747,
168.151

■ 84, 15.747,
168.151

■ 83, 24.563,
167.088

■ 86, 6.745, 169.145

■ 81, 33.049,
165.923

■ 87, 2.329, 349.751

■ 89, 11.379,
350.728

■ 80, 41.056,
164.626

■ 91, 16.688,
343.661

■ 79, 48.433,
163.173

■ 91, 19.604,
333.126

■ 78, 55.047,

161.537

91, 23.031,
325.616

78, 60.807,
159.697

91, 23.252,
325.234

77, 65.689,
157.644

77, 69.772,
155.403

77, 70.759,
154.835

Harmonies

Complementary

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



84, 15.747, 168.151



77, 16.309, 351.381

Rectangle

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



84, 15.747, 168.151



84, 15.747, 218.151



84, 15.747, 348.151



84, 15.747, 38.151

Sweetspot

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



84, 15.749, 168.148



99, 5.150, 169.395



84, 21.688, 131.727



53, 3.513, 169.319



0, 0.000, 0.000



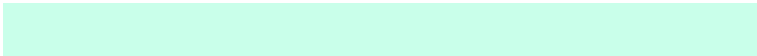
53, 0.007, 296.813

Same Dimension

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



84, 15.749, 168.148



96, 21.486, 167.762



83, 11.868, 208.415



45, 5.171, 168.945



63, 59.254, 155.222



16, 21.931, 159.902

Inverse Universe

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



77, 16.309, 351.381



86, 22.420, 351.795



77, 13.346, 29.116



43, 5.273, 350.545



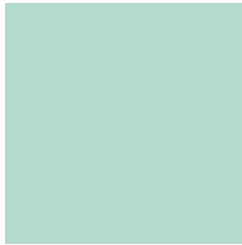
37, 63.542, 11.906



6, 24.267, 1.528

Previews

White Background



This preview shows how the CIELCh color 84, 15.747, 168.151 looks on a white background.

Color Contrast Check

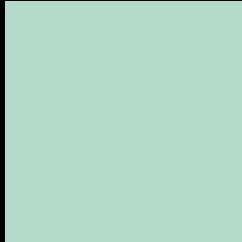
Large Text (above 18pt) WCAG AA × Fail

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 84, 15.747, 168.151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

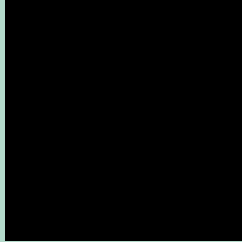
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

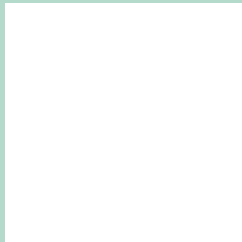
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 15.747, 168.151

Background



This preview shows how black text looks on a background with the CIELCh color 84, 15.747, 168.151.

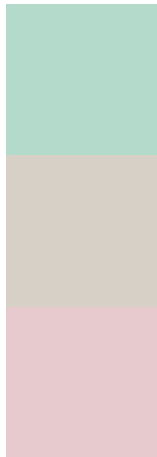


This preview shows how white text looks on a background with the CIELCh color 84, 15.747, 168.151.

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
84, 15.747, 168.151

Protanopia
84, 5.847, 83.281

Deuteranopia
84, 10.593, 8.765



Tritanopia
84, 13.047, 242.505

Trichromacy



Original Color
84, 15.747, 168.151

Protanomaly
84, 7.327, 139.567

Deuteranomaly
84, 2.136, 66.748

Tritanomaly
84, 11.335, 214.993

Monochromacy



Original Color
84, 15.747, 168.151

Achromatopsia
82, 0.010, 296.813

Achromatomaly
83, 6.000, 167.184

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 15.747, 168.151 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(180, 218, 203)` looks like.

```
.text, #text, p{  
    color:rgb(180, 218, 203)  
}
```

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(180, 218, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 218, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 15.747, 168.151 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(180, 218, 203) }
```

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

```
.border{ border-color:rgb(180, 218, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 218, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 218, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 218, 203);  
box-shadow:4px 4px 4px 4px rgb(180, 218,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 15.747, 168.151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 218, 203) }
```

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

```
.background{ background-color: rgb(180,  
218, 203) }
```

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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