

Converting Colors

CIELCh(84, 27.698, 158.662)

Have a look what the booklet for
CIELCh(84, 27.698, 158.662)
contains.

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Color

CIELCh(84, 27.677, 158.674)

Conversions

Conversions Part 1

Format	Color
Hex	A3DFBE
RGB	163, 223, 190
RGB Percent	64%, 87%, 75%
CMY	0.3620, 0.1267, 0.2561
CMYK	0.27, 0.00, 0.15, 0.13
HSL	147°, 48%, 76%
HSV	147°, 27%, 87%
XYZ	50.6065, 64.0658, 58.2390
YIQ	201.2980, -25.1670, -22.9830

Conversions

Conversions Part 2

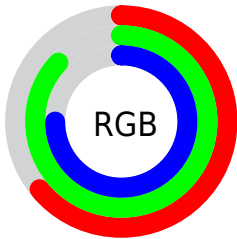
Format	Color
RYB	163, 204, 223
Decimal	10739646
CIELab	84.00, -25.78, 10.07
CIELCh	84, 27.677, 158.674
Yxy	64.0658, 0.2927, 0.3705
Android (android.graphics.Color)	4288929726 (0xFFA3DFBE)
YUV	201.2980, -5.5699, -33.5873
Hunter-Lab	80.0411, -27.2142, 12.8885

Details

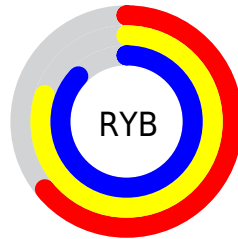
The CIELCh color **84, 27.677, 158.674** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **73, 28.402, 343.379**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 13.238, 178.240**, and **64, 27.721, 158.673** is the 20% darker color. If you saturate the color by 10%, you get **83, 37.658, 157.564**, and if you desaturate by 10%, it is **86, 17.456, 159.658**.

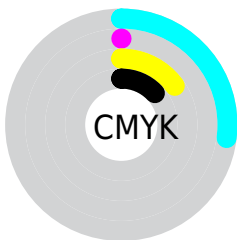
Distribution



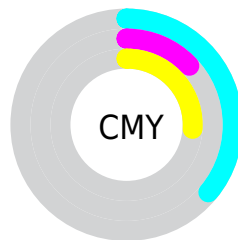
- Red (64%)
- Green (87%)
- Blue (75%)



- Red (64%)
- Yellow (80%)
- Blue (87%)



- Cyan (27%)
- Magenta (0%)
- Yellow (15%)
- Black (13%)




- Cyan (36%)
- Magenta (13%)
- Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 27.677, 158.674 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, 27.677, 158.674 by changing the saturation by 10% instead.

 84, 27.677,
158.674

 84, 27.677,
158.674


 100, 27.677,
158.674

 74, 27.677,
158.674

 64, 27.677,
158.674

 54, 27.677,
158.674

 44, 27.677,
158.674

 34, 27.677,
158.674

 24, 27.677,
158.674

 14, 27.677,


158.674


 4, 27.677, 158.674


 0, 27.677, 158.674

 84, 27.677,
158.674


 84, 27.677,
158.674

 83, 37.658,
157.564

 86, 17.456,
159.658


 81, 47.223,
156.306

 87, 7.140, 160.562


 80, 56.193,
154.872

 89, 3.146, 341.149

 80, 64.400,
153.242

 91, 13.307,
341.957

 79, 71.712,

 92, 18.543,
328.807

151.400

92, 20.218,
325.127

79, 78.060,
149.352

78, 83.475,
147.138

78, 85.018,
146.474

Harmonies

Complementary

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



84, 27.677, 158.674



73, 28.402, 343.379

Rectangle

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



84, 27.677, 158.674



84, 27.677, 208.674



84, 27.677, 338.674



84, 27.677, 28.674

Sweetspot

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



84, 27.679, 158.673



98, 9.191, 160.461



85, 32.797, 126.007



52, 6.535, 160.326



0, 0.000, 0.000



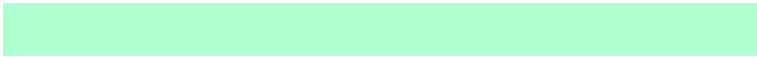
53, 0.007, 296.813

Same Dimension

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



84, 27.679, 158.673



94, 36.569, 158.102



85, 20.128, 193.502



46, 5.884, 160.338



63, 70.716, 146.859



17, 26.510, 151.308

Inverse Universe

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



73, 28.402, 343.379



80, 37.689, 343.925



73, 23.744, 17.707



44, 5.944, 341.766



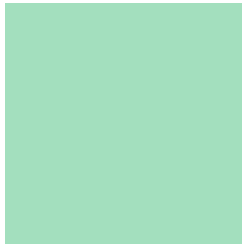
38, 64.951, 357.195



6, 27.001, 351.054

Previews

White Background



This preview shows how the CIE LCh color 84, 27.677, 158.674 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, 27.677, 158.674 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, 27.677, 158.674

Background



This preview shows how black text looks on a background with the CIELCh color 84, 27.677, 158.674.

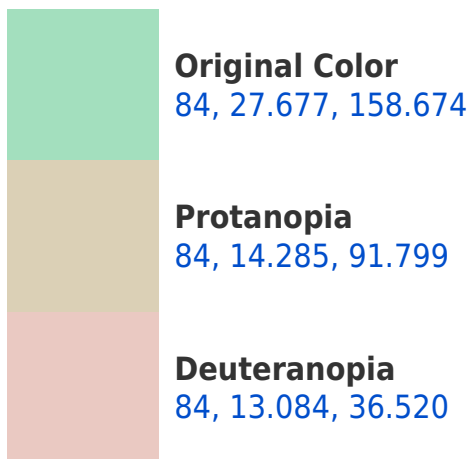


This preview shows how white text looks on a background with the CIELCh color 84, 27.677, 158.674.

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, 17.238, 232.195

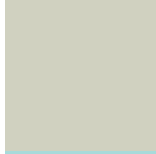
Trichromacy



Original Color
84, 27.677, 158.674



Protanomaly
84, 15.639, 128.489



Deuteranomaly
83, 8.946, 111.784

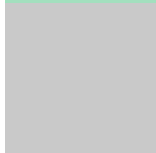


Tritanomaly
84, 16.883, 198.250

Monochromacy



Original Color
84, 27.677, 158.674



Achromatopsia
81, 0.010, 296.813



Achromatomaly
82, 10.264, 160.469

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 27.677, 158.674 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(163, 223, 190)` looks like.

```
.text, #text, p{  
    color:rgb(163, 223, 190)  
}
```

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(163, 223, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 223, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 27.677, 158.674 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(163, 223, 190) }
```

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

```
.border{ border-color:rgb(163, 223, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 223, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 223, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 223, 190);  
box-shadow:4px 4px 4px 4px rgb(163, 223,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 27.677, 158.674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 223, 190) }
```

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

```
.background{ background-color: rgb(163,  
223, 190) }
```

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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