

Converting Colors

CIELCh(84, 27.753, 175.327)

Have a look what the booklet for
CIELCh(84, 27.753, 175.327)
contains.

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Color

CIELCh(84, 27.910, 175.191)

Conversions

Conversions Part 1

Format	Color
Hex	94E0CC
RGB	148, 224, 204
RGB Percent	58%, 88%, 80%
CMY	0.4190, 0.1210, 0.1994
CMYK	0.34, 0.00, 0.09, 0.12
HSL	164°, 55%, 73%
HSV	164°, 34%, 88%
XYZ	49.8498, 64.0658, 66.9551
YIQ	198.9960, -38.8760, -22.3320

Conversions

Conversions Part 2

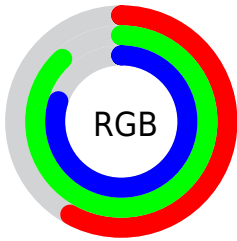
Format	Color
RYB	148, 192, 224
Decimal	9756876
CIELab	84.00, -27.81, 2.34
CIELCh	84, 27.910, 175.191
Yxy	64.0658, 0.2756, 0.3542
Android (android.graphics.Color)	4287946956 (0xFF94E0CC)
YUV	198.9960, 2.4670, -44.7235
Hunter-Lab	80.0411, -28.9017, 6.4321

Details

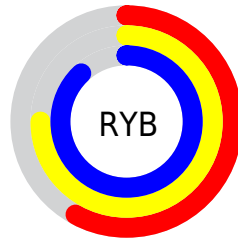
The CIELCh color **84, 27.910, 175.191** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **69, 31.344, 2.511**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 16.872, 198.386**, and **64, 27.583, 175.607** is the 20% darker color. If you saturate the color by 10%, you get **83, 35.221, 174.005**, and if you desaturate by 10%, it is **85, 20.069, 176.281**.

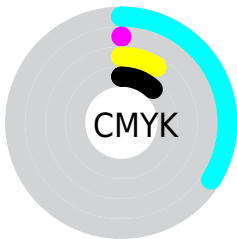
Distribution



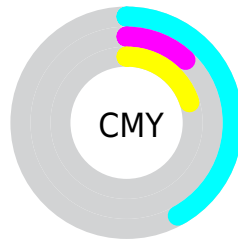
- Red (58%)
- Green (88%)
- Blue (80%)



- Red (58%)
- Yellow (75%)
- Blue (88%)



- Cyan (34%)
- Magenta (0%)
- Yellow (9%)
- Black (12%)





- Cyan (42%)
- Magenta (12%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 27.910, 175.191 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, 27.910, 175.191 by changing the saturation by 10% instead.


 84, 27.910,
175.191


 84, 27.910,
175.191


 100, 27.910,
175.191


 74, 27.910,
175.191

 64, 27.910,
175.191

 54, 27.910,
175.191

 44, 27.910,
175.191

 34, 27.910,
175.191

 24, 27.910,
175.191

 14, 27.910,

175.191

■ 4, 27.910, 175.191

■ 0, 27.910, 175.191

■ 84, 27.910,
175.191

■ 84, 27.910,
175.191

■ 83, 35.221,
174.005

■ 85, 20.069,
176.281

■ 82, 41.855,
172.705

■ 87, 11.839,
177.306

■ 81, 47.687,
171.266

■ 89, 3.354, 178.363

■ 81, 52.627,
169.662

■ 90, 5.269, 358.992

■ 92, 12.166,
356.560

■ 80, 56.645,

167.872

92, 13.614,
344.704

80, 59.792,
165.888

92, 15.541,
335.504

80, 61.414,
164.626

92, 17.791,
328.535

93, 19.298,
325.095

Harmonies

Complementary

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



84, 27.910, 175.191



69, 31.344, 2.511

Rectangle

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



84, 27.910, 175.191



84, 27.910, 225.191



84, 27.910, 355.191



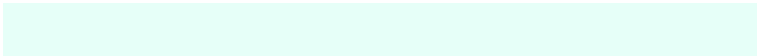
84, 27.910, 45.191

Sweetspot

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



84, 27.911, 175.189



98, 9.488, 177.692



84, 44.778, 135.073



52, 6.464, 177.549



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, 27.911, 175.189



93, 36.785, 174.324



80, 20.607, 225.758



46, 4.860, 177.755



64, 50.976, 164.992



17, 19.825, 168.905

Inverse Universe

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



69, 31.344, 2.511



74, 42.436, 3.742



73, 25.998, 42.613



44, 5.012, 359.400



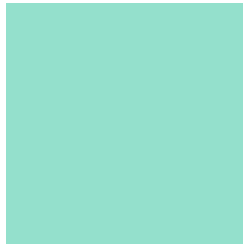
37, 67.573, 24.129



6, 25.308, 9.593

Previews

White Background



This preview shows how the CIE LCh color 84, 27.910, 175.191 looks on a white background.

Color Contrast Check

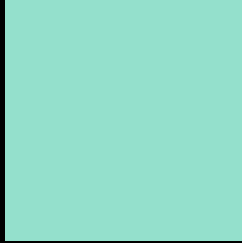
Large Text (above 18pt) WCAG AA × Fail

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, 27.910, 175.191 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

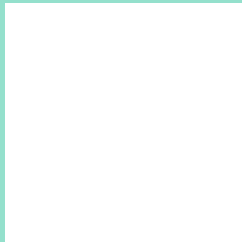
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 27.910, 175.191

Background



This preview shows how black text looks on a background with the CIELCh color 84, 27.910, 175.191.

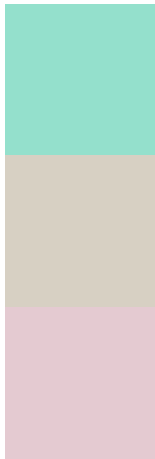


This preview shows how white text looks on a background with the CIELCh color 84, 27.910, 175.191.

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, 27.910, 175.191

Protanopia
84, 7.301, 88.572

Deuteranopia
84, 10.269, 359.184

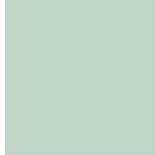


Tritanopia
84, 21.764, 224.259

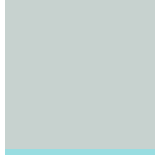
Trichromacy



Original Color
84, 27.910, 175.191



Protanomaly
84, 11.943, 153.727



Deuteranomaly
83, 4.283, 177.520

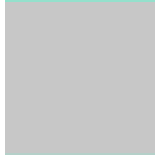


Tritanomaly
84, 22.071, 203.460

Monochromacy



Original Color
84, 27.910, 175.191



Achromatopsia
80, 0.010, 296.813



Achromatomaly
81, 10.386, 177.693

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 27.910, 175.191 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(148, 224, 204)` looks like.

```
.text, #text, p{  
    color:rgb(148, 224, 204)  
}
```

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(148, 224, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 224, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 27.910, 175.191 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(148, 224, 204) }
```

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

```
.border{ border-color:rgb(148, 224, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 224, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 224, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 224, 204);  
box-shadow:4px 4px 4px 4px rgb(148, 224,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 27.910, 175.191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 224, 204) }
```

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

```
.background{ background-color: rgb(148,  
224, 204) }
```

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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