

Converting Colors

CIELCh(84, 29.180, 181.631)

Have a look what the booklet for
CIELCh(84, 29.180, 181.631)
contains.

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Color

CIELCh(84, 29.141, 181.561)

Conversions

Conversions Part 1

Format	Color
Hex	8CE1D2
RGB	140, 225, 210
RGB Percent	55%, 88%, 82%
CMY	0.4510, 0.1177, 0.1765
CMYK	0.38, 0.00, 0.07, 0.12
HSL	169°, 59%, 72%
HSV	169°, 38%, 88%
XYZ	49.3624, 64.0658, 70.7247
YIQ	197.8750, -45.8450, -22.6850

Conversions

Conversions Part 2

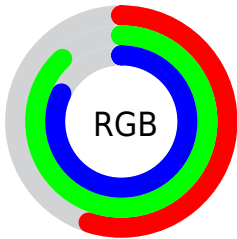
Format	Color
RYB	140, 187, 225
Decimal	9232850
CIELab	84.00, -29.13, -0.79
CIELCh	84, 29.141, 181.561
Yxy	64.0658, 0.2681, 0.3479
Android (android.graphics.Color)	4287422930 (0xFF8CE1D2)
YUV	197.8750, 5.9776, -50.7564
Hunter-Lab	80.0411, -29.9886, 3.6398

Details

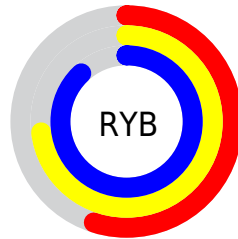
The CIELCh color **84, 29.141, 181.561** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **67, 34.660, 9.622**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 19.012, 198.250**, and **64, 28.776, 182.271** is the 20% darker color. If you saturate the color by 10%, you get **83, 35.580, 180.488**, and if you desaturate by 10%, it is **85, 22.041, 182.563**.

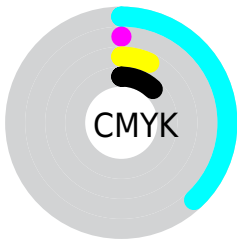
Distribution



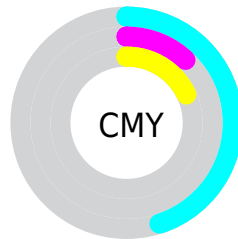
- Red (55%)
- Green (88%)
- Blue (82%)



- Red (55%)
- Yellow (73%)
- Blue (88%)



- Cyan (38%)
- Magenta (0%)
- Yellow (7%)
- Black (12%)





- Cyan (45%)
- Magenta (12%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 29.141, 181.561 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, 29.141, 181.561 by changing the saturation by 10% instead.


 84, 29.141,
181.561

 84, 29.141,
181.561


 100, 29.141,
181.561


 74, 29.141,
181.561

 64, 29.141,
181.561

 54, 29.141,
181.561

 44, 29.141,
181.561

 34, 29.141,
181.561

 24, 29.141,
181.561

 14, 29.141,

181.561

■ 4, 29.141, 181.561

■ 0, 29.141, 181.561

■ 84, 29.141,
181.561

■ 84, 29.141,
181.561

■ 83, 35.580,
180.488

■ 85, 22.041,
182.563

■ 82, 41.225,
179.333

■ 87, 14.418,
183.521

■ 81, 45.974,
178.070

■ 88, 6.411, 184.471

■ 81, 49.771,
176.676

■ 90, 1.855, 4.943

■ 92, 10.275, 6.027

■ 81, 52.625,

175.132

92, 11.751,
357.485

80, 54.651,
173.433

92, 12.640,
348.862

80, 55.054,
173.054

92, 13.783,
341.542

92, 15.123,
335.458

Harmonies

Complementary

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



84, 29.141, 181.561



67, 34.660, 9.622

Rectangle

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



84, 29.141, 181.561



84, 29.141, 231.561



84, 29.141, 1.561



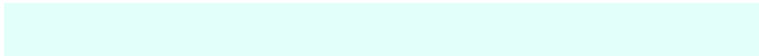
84, 29.141, 51.561

Sweetspot

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



84, 29.142, 181.559



98, 9.987, 184.152



83, 51.248, 137.164



52, 6.696, 184.023



0, 0.000, 0.000



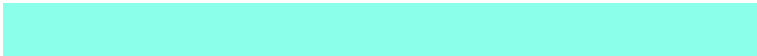
53, 0.007, 296.813

Same Dimension

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



84, 29.142, 181.559



93, 37.441, 180.760



77, 22.760, 238.110



46, 4.659, 184.308



64, 45.650, 173.361



17, 18.098, 176.539

Inverse Universe

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



67, 34.660, 9.622



71, 46.259, 11.034



73, 28.605, 51.194



44, 4.849, 5.865



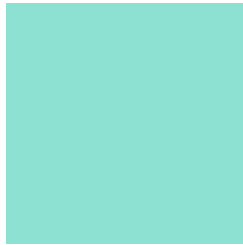
37, 71.317, 30.958



6, 25.284, 13.472

Previews

White Background



This preview shows how the CIE LCh color 84, 29.141, 181.561 looks on a white background.

Color Contrast Check

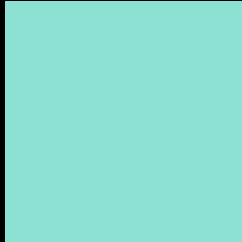
Large Text (above 18pt) WCAG AA × Fail

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, 29.141, 181.561 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

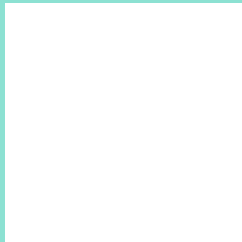
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 29.141, 181.561

Background



This preview shows how black text looks on a background with the CIELCh color 84, 29.141, 181.561.

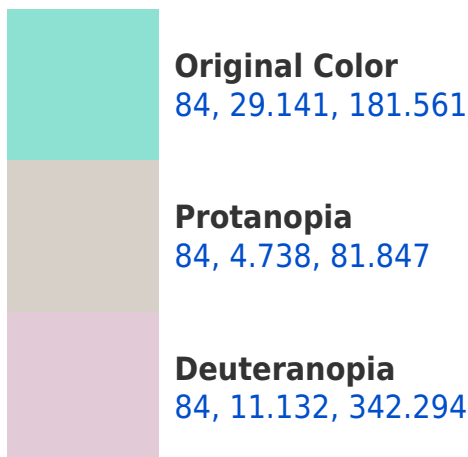



This preview shows how white text looks on a background with the CIELCh color 84, 29.141, 181.561.

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, 24.470, 221.011

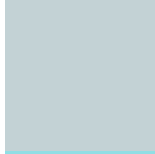
Trichromacy



Original Color
84, 29.141, 181.561



Protanomaly
83, 11.071, 170.157



Deuteranomaly
83, 5.509, 215.891

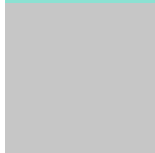


Tritanomaly
84, 24.774, 205.176

Monochromacy



Original Color
84, 29.141, 181.561



Achromatopsia
80, 0.010, 296.813



Achromatomaly
81, 11.491, 182.457

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 29.141, 181.561 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(140, 225, 210)` looks like.

```
.text, #text, p{  
    color:rgb(140, 225, 210)  
}
```

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(140, 225, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 225, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 29.141, 181.561 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(140, 225, 210) }
```

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

```
.border{ border-color:rgb(140, 225, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 225, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 225, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 225, 210);  
box-shadow:4px 4px 4px 4px rgb(140, 225,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 29.141, 181.561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 225, 210) }
```

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

```
.background{ background-color: rgb(140,  
225, 210) }
```

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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