

Converting Colors

CIELCh(84, 33.112, 190.610)

Have a look what the booklet for
CIELCh(84, 33.112, 190.610)
contains.

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Color

CIELCh(84, 33.146, 190.715)

Conversions

Conversions Part 1

Format	Color
Hex	78E3DC
RGB	120, 227, 220
RGB Percent	47%, 89%, 86%
CMY	0.5296, 0.1100, 0.1374
CMYK	0.47, 0.00, 0.03, 0.11
HSL	176°, 66%, 68%
HSV	176°, 47%, 89%
XYZ	48.1065, 64.0658, 77.5073
YIQ	194.2090, -61.5250, -24.8610

Conversions

Conversions Part 2

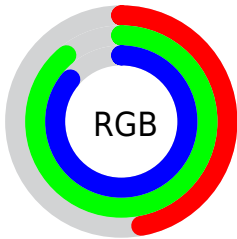
Format	Color
RYB	120, 175, 227
Decimal	7922652
CIELab	84.00, -32.57, -6.16
CIELCh	84, 33.146, 190.715
Yxy	64.0658, 0.2536, 0.3378
Android (android.graphics.Color)	4286112732 (0xFF78E3DC)
YUV	194.2090, 12.7150, -65.0813
Hunter-Lab	80.0411, -32.7894, -1.3843

Details

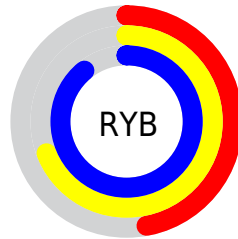
The CIELCh color **84, 33.146, 190.715** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **63, 44.700, 19.818**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 24.551, 197.904**, and **64, 33.019, 190.794** is the 20% darker color. If you saturate the color by 10%, you get **83, 38.128, 190.018**, and if you desaturate by 10%, it is **85, 27.291, 191.405**.

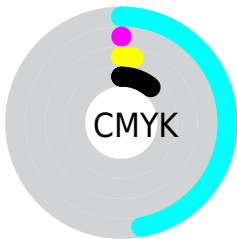
Distribution



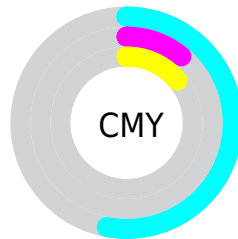
- Red (47%)
- Green (89%)
- Blue (86%)



- Red (47%)
- Yellow (69%)
- Blue (89%)



- Cyan (47%)
- Magenta (0%)
- Yellow (3%)
- Black (11%)





- Cyan (53%)
- Magenta (11%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 33.146, 190.715 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, 33.146, 190.715 by changing the saturation by 10% instead.


 84, 33.146,
190.715


 84, 33.146,
190.715


 100, 33.146,
190.715


 74, 33.146,
190.715

 64, 33.146,
190.715

 54, 33.146,
190.715

 44, 33.146,
190.715

 34, 33.146,
190.715

 24, 33.146,
190.715

 14, 33.146,

190.715

■ 4, 33.146, 190.715

■ 0, 33.146, 190.715

■ 84, 33.146,
190.715

■ 84, 33.146,
190.715

■ 83, 38.128,
190.018

■ 85, 27.291,
191.405

■ 83, 42.148,
189.311

■ 86, 20.682,
192.103

■ 82, 45.165,
188.577

■ 87, 13.452,
192.814

■ 82, 47.200,
187.803

■ 89, 5.737, 193.576

■ 82, 48.364,

■ 91, 2.336, 13.924

186.976

92, 10.241, 14.584

82, 48.618,
186.736

93, 10.321, 10.365

93, 10.457, 6.233

93, 10.647, 2.231

Harmonies

Complementary

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



84, 33.146, 190.715



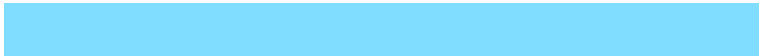
63, 44.700, 19.818

Rectangle

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



84, 33.146, 190.715



84, 33.146, 240.715



84, 33.146, 10.715



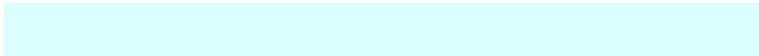
84, 33.146, 60.715

Sweetspot

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



84, 33.146, 190.713



98, 12.166, 193.038



82, 66.108, 139.250



52, 8.353, 192.879



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, 33.146, 190.713



92, 41.747, 190.003



71, 30.185, 256.195



47, 4.579, 193.388



66, 40.583, 186.877



18, 16.861, 188.272

Inverse Universe

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



63, 44.700, 19.818



65, 60.597, 22.233



73, 36.817, 62.714



45, 4.827, 14.644



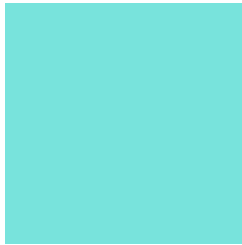
37, 77.262, 37.340



6, 26.904, 19.056

Previews

White Background



This preview shows how the CIELCh color 84, 33.146, 190.715 looks on a white background.

Color Contrast Check

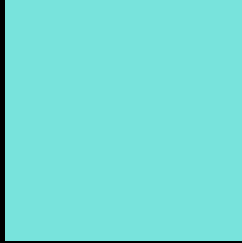
Large Text (above 18pt) WCAG AA × Fail

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, 33.146, 190.715 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

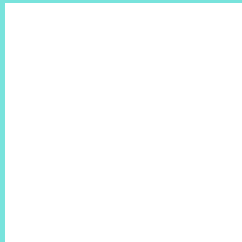
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 33.146, 190.715

Background



This preview shows how black text looks on a background with the CIELCh color 84, 33.146, 190.715.

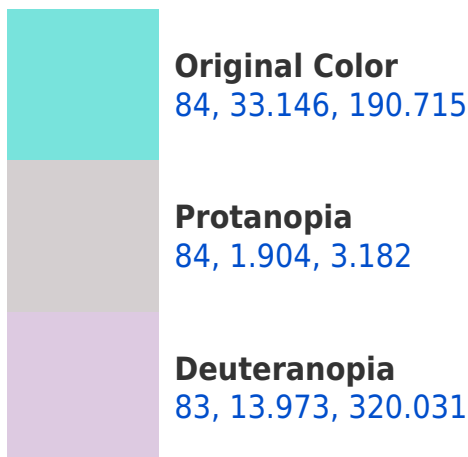


This preview shows how white text looks on a background with the CIELCh color 84, 33.146, 190.715.

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](#).

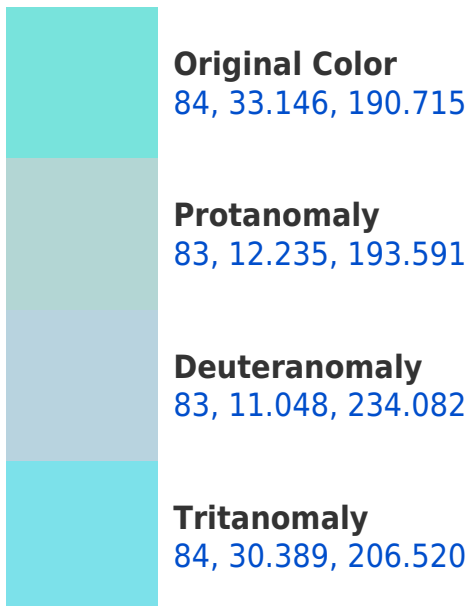
Dichromacy





Tritanopia
84, 29.767, 216.400

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 33.146, 190.715 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(120, 227, 220)` looks like.

```
.text, #text, p{  
    color:rgb(120, 227, 220)  
}
```

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(120, 227, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 227, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 33.146, 190.715 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(120, 227, 220) }
```

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

```
.border{ border-color:rgb(120, 227, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 227, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 227, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 227, 220);  
box-shadow:4px 4px 4px 4px rgb(120, 227,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 33.146, 190.715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 227, 220) }
```

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

```
.background{ background-color: rgb(120,  
227, 220) }
```

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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