

Converting Colors

CIELCh(85, 61.061, 166.978)

Have a look what the booklet for
CIELCh(85, 61.061, 166.978)
contains.

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Color

CIELCh(85, 61.238, 166.803)

Conversions

Conversions Part 1

Format	Color
Hex	1FF0B8
RGB	31, 240, 184
RGB Percent	12%, 94%, 72%
CMY	0.8794, 0.0592, 0.2788
CMYK	0.87, 0.00, 0.23, 0.06
HSL	164°, 87%, 53%
HSV	164°, 87%, 94%
XYZ	40.3307, 66.0070, 55.9127
YIQ	171.1250, -106.5880, -61.7240

Conversions

Conversions Part 2

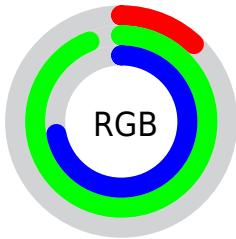
Format	Color
R_{YB}	31, 152, 240
Decimal	2093240
CIE _{Lab}	85.00, -59.62, 13.98
CIE _{LCh}	85, 61.238, 166.803
Yxy	66.0070, 0.2486, 0.4068
Android (android.graphics.Color)	4280283320 (0xFF1FF0B8)
YUV	171.1250, 6.3474, -122.8896
Hunter-Lab	81.2447, -53.5691, 16.0679

Details

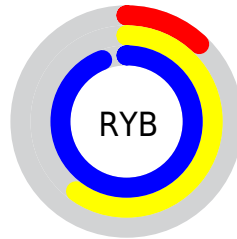
The CIELCh color **85, 61.238, 166.803** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed spring green. A complement of this color would be **52, 79.374, 18.028**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 40.948, 185.862**, and **66, 53.952, 163.155** is the 20% darker color. If you saturate the color by 10%, you get **85, 64.317, 164.734**, and if you desaturate by 10%, it is **85, 57.289, 168.681**.

Distribution



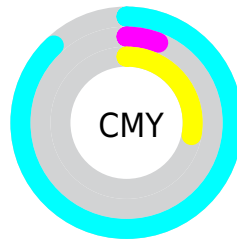
- Red (12%)
- Green (94%)
- Blue (72%)



- Red (12%)
- Yellow (60%)
- Blue (94%)



- Cyan (87%)
- Magenta (0%)
- Yellow (23%)
- Black (6%)





- Cyan (88%)
- Magenta (6%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 61.238, 166.803 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 85, 61.238, 166.803 by changing the saturation by 10% instead.


 85, 61.238,
166.803


 85, 61.238,
166.803


 100, 61.238,
166.803


 75, 61.238,
166.803

 65, 61.238,
166.803

 55, 61.238,
166.803

 45, 61.238,
166.803

 35, 61.238,
166.803

 25, 61.238,
166.803

 15, 61.238,

166.803

■ 5, 61.238, 166.803

■ 0, 61.238, 166.803

■ 85, 61.238,
166.803

■ 85, 61.238,
166.803

■ 85, 64.317,
164.734

■ 85, 57.289,
168.681

■ 85, 65.107,
164.147

■ 86, 52.371,
170.366

■ 87, 46.489,
171.875

■ 88, 39.719,
173.233

■ 89, 32.187,

174.464

■ 90, 24.040,
175.593

■ 92, 15.436,
176.644

■ 93, 6.520, 177.662

■ 95, 2.578, 358.268

Harmonies

Complementary

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



85, 61.238, 166.803



52, 79.374, 18.028

Rectangle

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



85, 61.238, 166.803



85, 61.238, 216.803



85, 61.238, 346.803



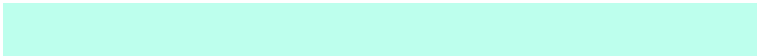
85, 61.238, 36.803

Sweetspot

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



85, 61.238, 166.802



95, 24.206, 175.712



84, 105.443, 132.836



50, 16.302, 175.333



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



85, 61.238, 166.802



89, 68.262, 164.071



73, 40.930, 234.784



49, 5.143, 177.425



66, 52.968, 164.534



20, 22.048, 167.876

Inverse Universe

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



52, 79.374, 18.028



54, 89.903, 25.204



56, 84.388, 43.790



47, 5.303, 359.085



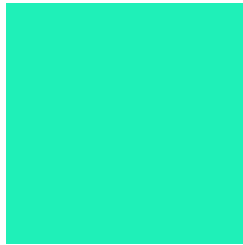
38, 69.655, 23.938



8, 28.833, 12.167

Previews

White Background



This preview shows how the CIE LCh color 85, 61.238, 166.803 looks on a white background.

Color Contrast Check

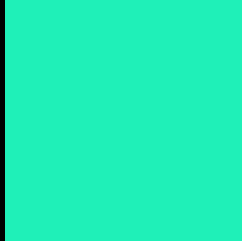
Large Text (above 18pt) WCAG AA × Fail

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 85, 61.238, 166.803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

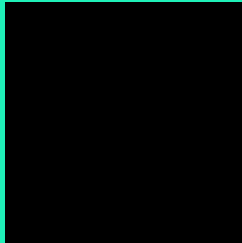
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 61.238, 166.803

Background



This preview shows how black text looks on a background with the CIELCh color 85, 61.238, 166.803.

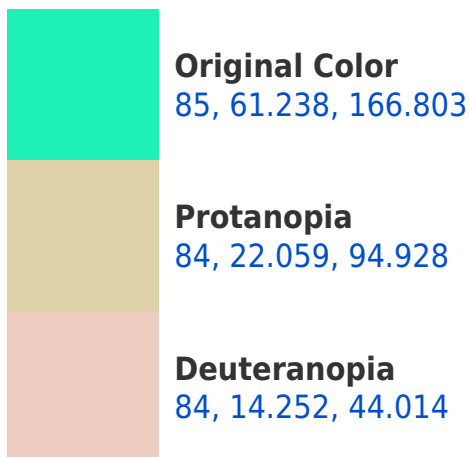


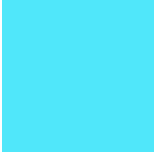
This preview shows how white text looks on a background with the CIELCh color 85, 61.238, 166.803.

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
85, 39.454, 211.883

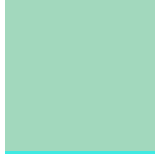
Trichromacy



Original Color
85, 61.238, 166.803



Protanomaly
83, 35.004, 152.116



Deuteranomaly
82, 24.131, 161.398

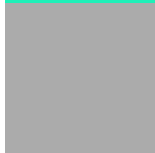


Tritanomaly
85, 44.650, 191.019

Monochromacy



Original Color
85, 61.238, 166.803



Achromatopsia
70, 0.009, 296.813



Achromatomaly
74, 28.308, 174.668

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 61.238, 166.803 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(31, 240, 184)` looks like.

```
.text, #text, p{  
    color:rgb(31, 240, 184)  
}
```

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(31, 240, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 240, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 61.238, 166.803 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(31, 240, 184) }
```

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

```
.border{ border-color:rgb(31, 240, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 240, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 240, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 240, 184);  
box-shadow:4px 4px 4px 4px rgb(31, 240,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 61.238, 166.803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 240, 184) }
```

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

```
.background{ background-color: rgb(31, 240,  
184) }
```

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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