

Converting Colors

CIELCh(86, 65.381, 163.481)

Have a look what the booklet for
CIELCh(86, 65.381, 163.481)
contains.

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Color

CIELCh(86, 65.396, 163.517)

Conversions

Conversions Part 1

Format	Color
Hex	1AF4B2
RGB	26, 244, 178
RGB Percent	10%, 96%, 70%
CMY	0.8970, 0.0441, 0.3028
CMYK	0.89, 0.00, 0.27, 0.04
HSL	162°, 91%, 53%
HSV	162°, 89%, 96%
XYZ	40.7257, 67.9871, 52.9805
YIQ	171.2940, -108.7420, -66.7420

Conversions

Conversions Part 2

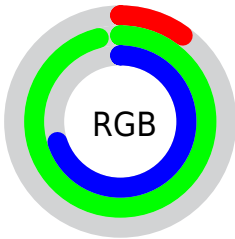
Format	Color
RYB	26, 154, 244
Decimal	1766578
CIELab	86.00, -62.71, 18.55
CIElCh	86, 65.396, 163.517
Yxy	67.9871, 0.2519, 0.4205
Android (android.graphics.Color)	4279956658 (0xFF1AF4B2)
YUV	171.2940, 3.3061, -127.4228
Hunter-Lab	82.4543, -56.1306, 19.6216

Details

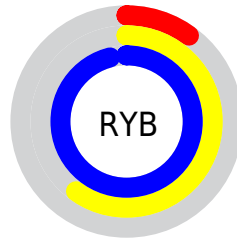
The CIELCh color **86, 65.396, 163.517** is a light color, and the websafe version is hex **00FFCC**. The color can be described as light washed spring green. A complement of this color would be **53, 80.524, 16.001**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 42.405, 181.830**, and **67, 57.720, 159.695** is the 20% darker color. If you saturate the color by 10%, you get **86, 68.764, 161.343**, and if you desaturate by 10%, it is **86, 61.218, 165.519**.

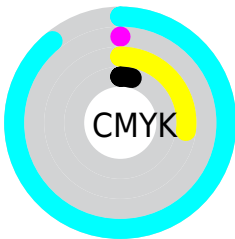
Distribution



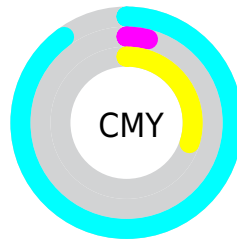
- Red (10%)
- Green (96%)
- Blue (70%)



- Red (10%)
- Yellow (60%)
- Blue (96%)



- Cyan (89%)
- Magenta (0%)
- Yellow (27%)
- Black (4%)





- Cyan (90%)
- Magenta (4%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 65.396, 163.517 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 86, 65.396, 163.517 by changing the saturation by 10% instead.


 86, 65.396,
163.517


 86, 65.396,
163.517


 100, 65.396,
163.517


 76, 65.396,
163.517

 66, 65.396,
163.517

 56, 65.396,
163.517

 46, 65.396,
163.517

 36, 65.396,
163.517

 26, 65.396,
163.517

 16, 65.396,

163.517

■ 6, 65.396, 163.517

■ 0, 65.396, 163.517

■ 86, 65.396,
163.517

■ 86, 65.396,
163.517

■ 86, 68.764,
161.343

■ 86, 61.218,
165.519

■ 86, 69.014,
161.176

■ 87, 56.076,
167.316

■ 88, 49.961,
168.922

■ 89, 42.944,
170.359

■ 90, 35.148,

171.652

■ 91, 26.726,
172.828

■ 93, 17.839,
173.910

■ 94, 8.639, 174.934

■ 96, 0.738, 355.044

Harmonies

Complementary

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



86, 65.396, 163.517



53, 80.524, 16.001

Rectangle

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



86, 65.396, 163.517



86, 65.396, 213.517



86, 65.396, 343.517



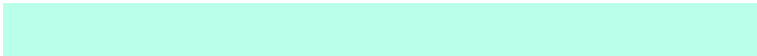
86, 65.396, 33.517

Sweetspot

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



86, 65.396, 163.516



95, 25.704, 173.069



86, 107.019, 132.233



50, 17.219, 172.685



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



86, 65.396, 163.516



89, 71.476, 161.118



76, 41.381, 228.850



50, 5.340, 174.907



67, 56.010, 161.576



21, 23.667, 164.895

Inverse Universe

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



53, 80.524, 16.001



54, 88.138, 22.047



55, 88.838, 42.420



48, 5.488, 356.576



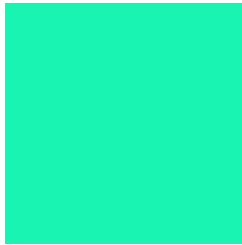
39, 69.121, 20.839



9, 29.671, 11.000

Previews

White Background



This preview shows how the CIELCh color 86, 65.396, 163.517 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 86, 65.396, 163.517 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

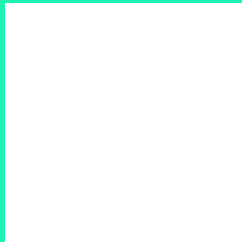
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 65.396, 163.517

Background



This preview shows how black text looks on a background with the CIELCh color 86, 65.396, 163.517.

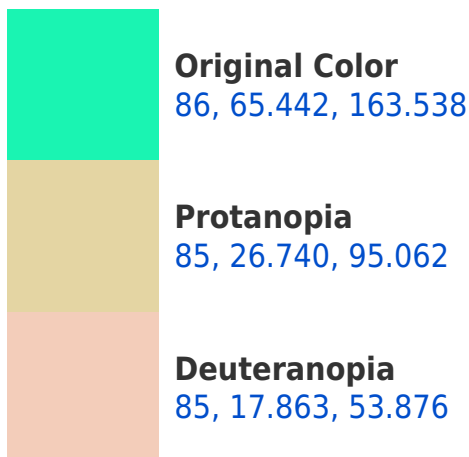


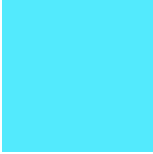
This preview shows how white text looks on a background with the CIELCh color 86, 65.396, 163.517.

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



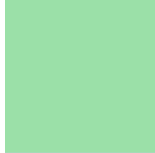


Tritanopia
86, 39.590, 211.804

Trichromacy



Original Color
86, 65.442, 163.538



Protanomaly
83, 38.785, 147.776



Deuteranomaly
83, 27.623, 154.156

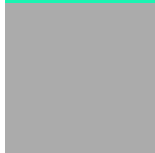


Tritanomaly
86, 46.080, 188.488

Monochromacy



Original Color
86, 65.442, 163.538



Achromatopsia
70, 0.009, 296.813



Achromatomaly
74, 30.211, 171.578

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 65.396, 163.517 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(26, 244, 178)` looks like.

```
.text, #text, p{  
    color:rgb(26, 244, 178)  
}
```

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(26, 244, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 244, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 65.396, 163.517 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(26, 244, 178) }
```

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

```
.border{ border-color:rgb(26, 244, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 244, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 244, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 244, 178);  
box-shadow:4px 4px 4px 4px rgb(26, 244,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 65.396, 163.517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 244, 178) }
```

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

```
.background{ background-color: rgb(26, 244,  
178) }
```

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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