

Converting Colors

CIELCh(85, 64.287, 164.957)

Have a look what the booklet for
CIELCh(85, 64.287, 164.957)
contains.

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Color

CIELCh(85, 64.319, 164.994)

Conversions

Conversions Part 1

Format	Color
Hex	04F1B3
RGB	4, 241, 179
RGB Percent	2%, 95%, 70%
CMY	0.9835, 0.0560, 0.2991
CMYK	0.98, 0.00, 0.26, 0.06
HSL	164°, 97%, 48%
HSV	164°, 98%, 94%
XYZ	39.5294, 66.0070, 53.1598
YIQ	163.0690, -121.3500, -69.5260

Conversions

Conversions Part 2

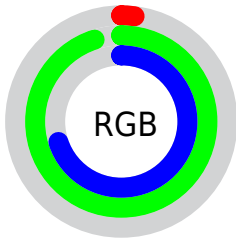
Format	Color
RYB	4, 140, 241
Decimal	324019
CIELab	85.00, -62.13, 16.65
CIELCh	85, 64.319, 164.994
Yxy	66.0070, 0.2491, 0.4159
Android (android.graphics.Color)	4278514099 (0xFF04F1B3)
YUV	163.0690, 7.8540, -139.5035
Hunter-Lab	81.2447, -55.3295, 18.0769

Details

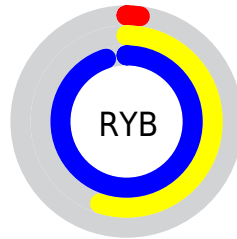
The CIELCh color **85, 64.319, 164.994** is a dark color, and the websafe version is hex **00FFCC**. The color can be described as middle saturated spring green. A complement of this color would be **51, 85.357, 24.545**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 43.154, 182.755**, and **66, 56.340, 160.675** is the 20% darker color. If you saturate the color by 10%, you get **85, 64.800, 164.633**, and if you desaturate by 10%, it is **85, 61.361, 167.059**.

Distribution



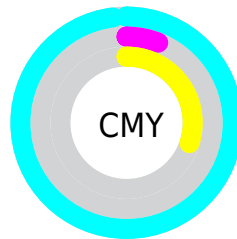
- Red (2%)
- Green (95%)
- Blue (70%)



- Red (2%)
- Yellow (55%)
- Blue (95%)



- Cyan (98%)
- Magenta (0%)
- Yellow (26%)
- Black (6%)




- Cyan (98%)
- Magenta (6%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 64.319, 164.994 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, 64.319, 164.994 by changing the saturation by 10% instead.


 85, 64.319,
164.994


 85, 64.319,
164.994


 100, 64.319,
164.994


 75, 64.319,
164.994

 65, 64.319,
164.994

 55, 64.319,
164.994

 45, 64.319,
164.994

 35, 64.319,
164.994

 25, 64.319,
164.994

 15, 64.319,

164.994

■ 5, 64.319, 164.994

■ 0, 64.319, 164.994

■ 85, 64.319,
164.994

■ 85, 64.319,
164.994

■ 85, 64.800,
164.633

■ 85, 61.361,
167.059

■ 86, 57.561,
168.945

■ 86, 52.793,
170.637

■ 87, 47.052,
172.153

■ 88, 40.407,

173.517

■ 89, 32.977,
174.754

■ 90, 24.910,
175.888

■ 92, 16.362,
176.943

■ 93, 7.481, 177.957

Harmonies

Complementary

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



85, 64.319, 164.994



51, 85.357, 24.545

Rectangle

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



85, 64.319, 164.994



85, 64.319, 214.994



85, 64.319, 344.994



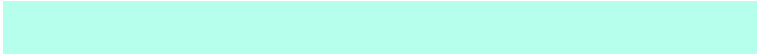
85, 64.319, 34.994

Sweetspot

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



85, 64.319, 164.993



95, 26.747, 175.797



84, 110.935, 133.810



50, 18.187, 175.320



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, 64.319, 164.993



89, 67.764, 164.562



70, 42.978, 242.802



49, 5.127, 177.832



66, 52.588, 165.022



20, 21.911, 168.335

Inverse Universe

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



51, 85.357, 24.545



54, 90.208, 25.686



54, 92.916, 44.215



47, 5.289, 359.490



38, 69.875, 24.422



8, 28.844, 12.477

Previews

White Background



This preview shows how the CIE LCh color 85, 64.319, 164.994 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, 64.319, 164.994 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

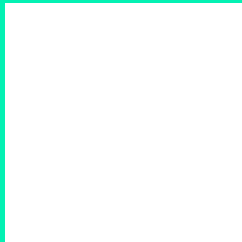
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 64.319, 164.994

Background



This preview shows how black text looks on a background with the CIELCh color 85, 64.319, 164.994.

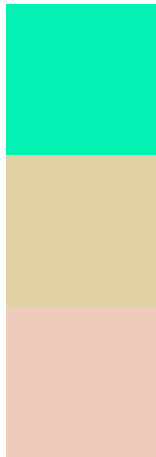


This preview shows how white text looks on a background with the CIELCh color 85, 64.319, 164.994.

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](#).

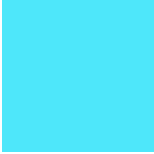
Dichromacy



Original Color
85, 64.365, 165.015

Protanopia
84, 24.690, 95.108

Deuteranopia
84, 16.302, 51.053



Tritanopia
85, 39.716, 211.768

Trichromacy



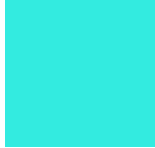
Original Color
85, 64.365, 165.015



Protanomaly
82, 39.067, 152.315



Deuteranomaly
82, 28.580, 159.747



Tritanomaly
85, 46.493, 189.146

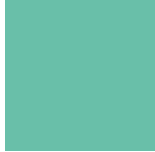
Monochromacy



Original Color
85, 64.365, 165.015



Achromatopsia
67, 0.008, 296.813



Achromatomaly
72, 31.471, 174.480

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 64.319, 164.994 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(4, 241, 179)` looks like.

```
.text, #text, p{  
    color:rgb(4, 241, 179)  
}
```

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(4, 241, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 241, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 64.319, 164.994 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(4, 241, 179) }
```

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

```
.border{ border-color:rgb(4, 241, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 241, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 241, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 241, 179);  
box-shadow:4px 4px 4px 4px rgb(4, 241,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 64.319, 164.994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 241, 179) }
```

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

```
.background{ background-color: rgb(4, 241,  
179) }
```

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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