

Converting Colors

CIELCh(73, 84.633, 144.064)

Have a look what the booklet for
CIELCh(73, 84.633, 144.064)
contains.

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Color

CIELCh(73, 84.646, 144.096)

Conversions

Conversions Part 1

Format	Color
Hex	01CF51
RGB	1, 207, 81
RGB Percent	0%, 81%, 32%
CMY	0.9948, 0.1887, 0.6828
CMYK	0.99, 0.00, 0.61, 0.19
HSL	143°, 99%, 41%
HSV	143°, 99%, 81%
XYZ	23.7792, 45.1644, 15.2258
YIQ	131.0420, -82.3300, -82.8580

Conversions

Conversions Part 2

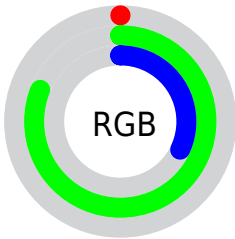
Format	Color
RYB	1, 149, 207
Decimal	118609
CIELab	73.00, -68.56, 49.64
CIELCh	73, 84.646, 144.096
Yxy	45.1644, 0.2825, 0.5366
Android (android.graphics.Color)	4278308689 (0xFF01CF51)
YUV	131.0420, -24.6707, -114.0468
Hunter-Lab	67.2044, -54.4485, 33.6104

Details

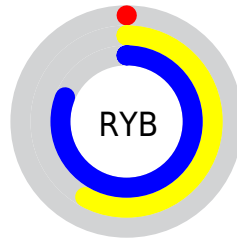
The CIELCh color **73, 84.646, 144.096** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **45, 74.949, 351.856**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 79.341, 144.690**, and **54, 76.757, 138.257** is the 20% darker color. If you saturate the color by 10%, you get **73, 84.970, 143.967**, and if you desaturate by 10%, it is **73, 79.372, 146.210**.

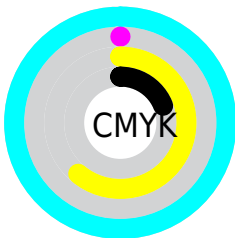
Distribution



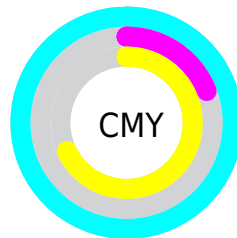
- Red (0%)
- Green (81%)
- Blue (32%)



- Red (0%)
- Yellow (58%)
- Blue (81%)



- Cyan (99%)
- Magenta (0%)
- Yellow (61%)
- Black (19%)




- Cyan (99%)
- Magenta (19%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 84.646, 144.096 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 73, 84.646, 144.096 by changing the saturation by 10% instead.

 73, 84.646,
144.096

 73, 84.646,
144.096

 100, 84.646,
144.096

 63, 84.646,
144.096

 93, 84.646,
144.096

 53, 84.646,
144.096

 43, 84.646,
144.096

 33, 84.646,
144.096

 23, 84.646,
144.096

 13, 84.646,
144.096

 3, 84.646, 144.096

■ 0, 84.646, 144.096

■ 73, 84.646,
144.096

■ 73, 84.646,
144.096

■ 73, 84.970,
143.967

■ 73, 79.372,
146.210

■ 74, 73.185,
148.235

■ 74, 66.019,
150.076

■ 75, 57.949,
151.716

■ 76, 49.108,
153.158

■ 77, 39.667,
154.419

■ 78, 29.807,
155.523

■ 80, 19.702,
156.494

■ 81, 9.504, 157.364

Harmonies

Complementary

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



73, 84.646, 144.096



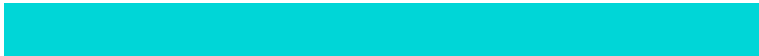
45, 74.949, 351.856

Rectangle

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



73, 84.646, 144.096



73, 84.646, 194.096



73, 84.646, 324.096



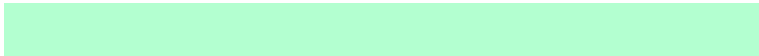
73, 84.646, 14.096

Sweetspot

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



73, 84.646, 144.096



94, 36.080, 155.418



76, 89.548, 123.708



49, 24.549, 154.959



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

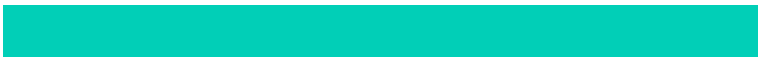
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73, 84.646, 144.096



88, 100.111, 143.684



75, 47.891, 180.154



43, 5.816, 157.358



60, 72.326, 144.309



13, 24.572, 150.154

Inverse Universe

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



45, 74.949, 351.856



56, 87.600, 352.441



43, 83.807, 35.074



41, 5.861, 338.694



37, 64.483, 351.564



5, 23.236, 346.411

Previews

White Background



This preview shows how the CIELCh color 73, 84.646, 144.096 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 73, 84.646, 144.096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

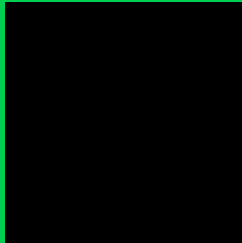
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 84.646, 144.096

Background



This preview shows how black text looks on a background with the CIELCh color 73, 84.646, 144.096.



This preview shows how white text looks on a background with the CIELCh color 73, 84.646, 144.096.

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

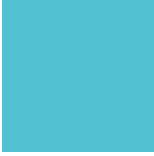
73, 84.672, 144.114

Protanopia

72, 55.388, 95.518

Deuteranopia

72, 47.020, 78.539



Tritanopia
73, 32.113, 213.092

Trichromacy



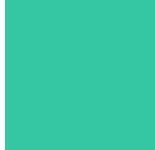
Original Color
73, 84.672, 144.114



Protanomaly
70, 63.803, 128.240



Deuteranomaly
70, 52.968, 125.372



Tritanomaly
72, 46.890, 171.197

Monochromacy



Original Color
73, 84.672, 144.114



Achromatopsia
55, 0.007, 296.813



Achromatomaly
60, 38.065, 153.548

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 84.646, 144.096 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(1, 207, 81)` looks like.

```
.text, #text, p{  
    color:rgb(1, 207, 81)  
}
```

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(1, 207, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 207, 81) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 84.646, 144.096 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(1, 207, 81) }
```

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

```
.border{ border-color:rgb(1, 207, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 207, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 207, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 207, 81);  
box-shadow:4px 4px 4px 4px rgb(1, 207, 81)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 73, 84.646, 144.096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 207, 81) }
```

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

```
.background{ background-color: rgb(1, 207,  
81) }
```

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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