

Converting Colors

CIELCh(74, 103.194, 136.126)

Have a look what the booklet for
CIELCh(74, 103.194, 136.126)
contains.

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Color

CIELCh(74, 103.113, 136.144)

Conversions

Conversions Part 1

Format	Color
Hex	07D307
RGB	7, 211, 7
RGB Percent	3%, 83%, 3%
CMY	0.9740, 0.1721, 0.9711
CMYK	0.97, 0.00, 0.97, 0.17
HSL	120°, 94%, 43%
HSV	120°, 97%, 83%
XYZ	23.4458, 46.7039, 7.9896
YIQ	126.7480, -56.1000, -106.6920

Conversions

Conversions Part 2

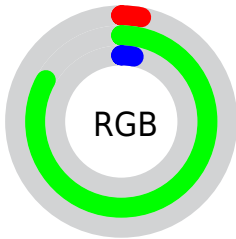
Format	Color
RYB	7, 211, 211
Decimal	512775
CIELab	74.00, -74.35, 71.44
CIELCh	74, 103.113, 136.144
Yxy	46.7039, 0.3001, 0.5977
Android (android.graphics.Color)	4278702855 (0xFF07D307)
YUV	126.7480, -59.0358, -105.0190
Hunter-Lab	68.3403, -58.3567, 40.9067

Details

The CIELCh color **74, 103.113, 136.144** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **50, 99.379, 328.350**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 96.177, 136.026**, and **56, 82.586, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **74, 103.814, 136.040**, and if you desaturate by 10%, it is **74, 99.886, 136.629**.

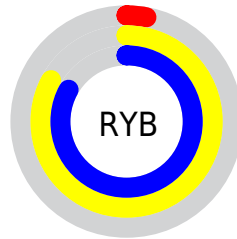
Distribution



Red (3%)

Green (83%)

Blue (3%)



Red (3%)

Yellow (83%)

Blue (83%)

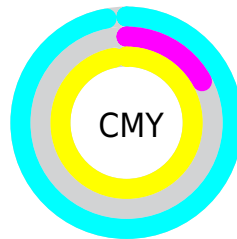


Cyan (97%)

Magenta (0%)

Yellow (97%)

Black (17%)



Cyan (97%)


Magenta (17%)


Yellow (97%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 103.113, 136.144 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 74, 103.113, 136.144 by changing the saturation by 10% instead.


 74, 103.113,
136.144


 74, 103.113,
136.144


 100, 103.113,
136.144


 64, 103.113,
136.144


 94, 103.113,
136.144

 54, 103.113,
136.144

 44, 103.113,
136.144

 34, 103.113,
136.144

 24, 103.113,
136.144

 14, 103.113,
136.144

 4, 103.113,

136.144

■ 0, 103.113,
136.144

■ 74, 103.113,
136.144

■ 74, 103.113,
136.144

■ 74, 103.814,
136.040

■ 74, 99.886,
136.629

■ 75, 93.910,
137.463

■ 75, 85.430,
138.525

■ 76, 74.965,
139.669

■ 77, 63.057,
140.784

■ 78, 50.182,
141.805

■ 80, 36.736,
142.708

■ 81, 23.033,
143.489

■ 83, 9.313, 144.169

Harmonies

Complementary

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



74, 103.113, 136.144



50, 99.379, 328.350

Rectangle

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



74, 103.113, 136.144



74, 103.113, 186.144



74, 103.113, 316.144



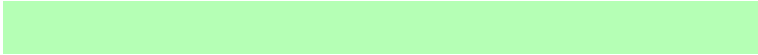
74, 103.113, 6.144

Sweetspot

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



74, 103.112, 136.145



94, 46.213, 142.497



82, 83.445, 102.901



49, 31.651, 142.110



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



74, 103.112, 136.145



88, 119.723, 136.035



75, 76.137, 149.613



43, 7.663, 144.002



60, 87.676, 136.048



13, 30.485, 142.134

Inverse Universe

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



50, 99.379, 328.350



60, 115.244, 328.375



46, 73.074, 1.150



41, 7.675, 325.029



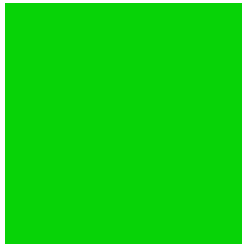
40, 84.429, 328.371



6, 31.031, 327.936

Previews

White Background



This preview shows how the CIELCh color 74, 103.113, 136.144 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 74, 103.113, 136.144 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

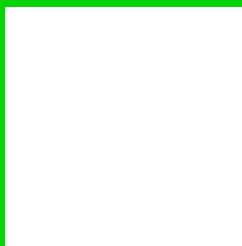
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 103.113, 136.144

Background



This preview shows how black text looks on a background with the CIELCh color 74, 103.113, 136.144.



This preview shows how white text looks on a background with the CIELCh color 74, 103.113, 136.144.

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

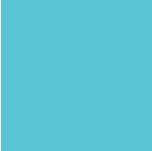
74, 103.089, 136.127

Protanopia

73, 75.623, 95.309

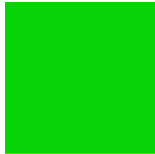
Deuteranopia

73, 67.783, 81.824



Tritanopia
74, 31.281, 213.559

Trichromacy



Original Color

74, 103.089, 136.127



Protanomaly

71, 82.599, 120.606



Deuteranomaly

70, 73.785, 116.441



Tritanomaly

73, 56.064, 158.139

Monochromacy



Original Color

74, 103.089, 136.127



Achromatopsia

53, 0.007, 296.813



Achromatomaly

59, 50.595, 140.734

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 103.113, 136.144 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(7, 211, 7)` looks like.

```
.text, #text, p{  
    color:rgb(7, 211, 7)  
}
```

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(7, 211, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 211, 7) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 103.113, 136.144 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(7, 211, 7) }
```

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

```
.border{ border-color:rgb(7, 211, 7) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 211, 7)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 211, 7); -webkit-box-shadow:4px  
4px 4px 4px rgb(7, 211, 7); box-shadow:4px  
4px 4px 4px rgb(7, 211, 7) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 103.113, 136.144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 211, 7) }
```

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

```
.background{ background-color: rgb(7, 211,  
7) }
```

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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