

Converting Colors

CIELCh(70, 91.835, 130.893)

Have a look what the booklet for
CIELCh(70, 91.835, 130.893)
contains.

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Color

CIELCh(70, 91.835, 130.893)

Conversions

Conversions Part 1

Format	Color
Hex	4FC300
RGB	79, 195, 0
RGB Percent	31%, 76%, 0%
CMY	0.6897, 0.2348, 0.9987
CMYK	0.59, 0.00, 1.00, 0.23
HSL	96°, 100%, 38%
HSV	96°, 100%, 77%
XYZ	22.7775, 40.7494, 6.6735
YIQ	138.0860, -6.5410, -85.2370

Conversions

Conversions Part 2

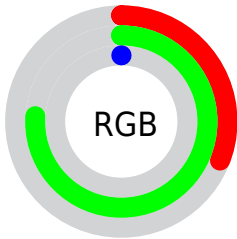
Format	Color
RYB	0, 195, 116
Decimal	5227264
CIELab	70.00, -60.12, 69.42
CIELCh	70, 91.835, 130.893
Yxy	40.7494, 0.3245, 0.5805
Android (android.graphics.Color)	4283417344 (0xFF4FC300)
YUV	138.0860, -68.0764, -51.8184
Hunter-Lab	63.8353, -48.0198, 38.4864

Details

The CIELCh color **70, 91.835, 130.893** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed green. A complement of this color would be **33, 99.927, 314.251**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 92.039, 130.955**, and **50, 76.669, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **70, 91.891, 130.907**, and if you desaturate by 10%, it is **70, 88.105, 130.013**.

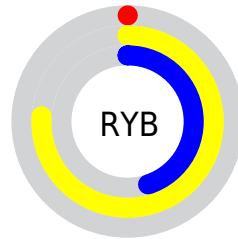
Distribution



Red (31%)

Green (76%)

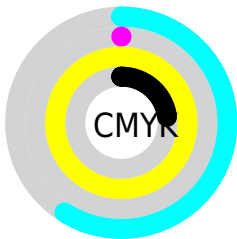
Blue (0%)



Red (0%)

Yellow (76%)

Blue (45%)

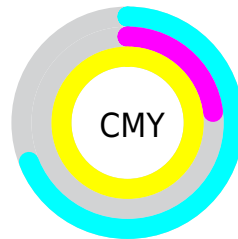


Cyan (59%)

Magenta (0%)

Yellow (100%)

Black (23%)



Cyan (69%)


Magenta (23%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 91.835, 130.893 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 70, 91.835, 130.893 by changing the saturation by 10% instead.


 70, 91.835,
130.893


 70, 91.835,
130.893


 100, 91.835,
130.893


 60, 91.835,
130.893


 90, 91.835,
130.893

 50, 91.835,
130.893

 40, 91.835,
130.893

 30, 91.835,
130.893

 20, 91.835,
130.893

 10, 91.835,
130.893

 0, 91.835, 130.893

■ 70, 91.835,
130.893

■ 70, 91.835,
130.893

■ 70, 91.891,
130.907

■ 70, 88.105,
130.013

■ 71, 82.471,
129.511

■ 72, 74.888,
129.427

■ 72, 65.816,
129.636

■ 73, 55.721,
130.018

■ 74, 44.975,
130.485

■ 75, 33.847,
130.979

■ 76, 22.527,

131.466

■ 77, 11.148,
131.930

Harmonies

Complementary

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



70, 91.835, 130.893



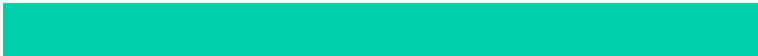
33, 99.927, 314.251

Rectangle

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



70, 91.835, 130.893



70, 91.835, 180.893



70, 91.835, 310.893



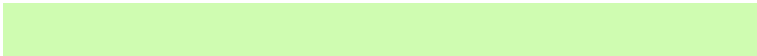
70, 91.835, 0.893

Sweetspot

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



70, 91.835, 130.894



94, 41.943, 130.948



56, 67.858, 67.759



50, 28.802, 130.735



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 91.835, 130.894



88, 111.835, 131.141



69, 96.298, 136.696



40, 6.389, 131.951



59, 79.368, 130.688



10, 21.780, 135.447

Inverse Universe

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



33, 99.927, 314.251



44, 121.535, 314.072



45, 88.459, 331.862



38, 6.459, 312.707



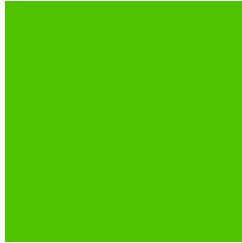
27, 86.470, 314.399



2, 20.608, 308.896

Previews

White Background



This preview shows how the CIELCh color 70, 91.835, 130.893 looks on a white background.

Color Contrast Check

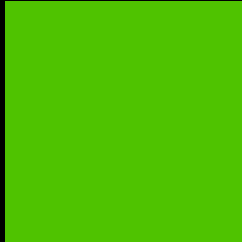
Large Text (above 18pt) WCAG AA × Fail

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 70, 91.835, 130.893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

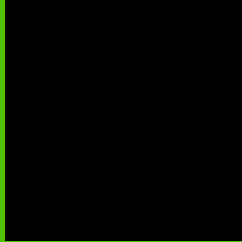
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 91.835, 130.893

Background



This preview shows how black text looks on a background with the CIELCh color 70, 91.835, 130.893.



This preview shows how white text looks on a background with the CIELCh color 70, 91.835, 130.893.

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
70, 91.835, 130.893

Protanopia
69, 72.276, 94.862

Deuteranopia
69, 65.401, 81.936



Tritanopia
70, 23.438, 218.518

Trichromacy



Original Color
70, 91.835, 130.893



Protanomaly
69, 75.534, 112.242



Deuteranomaly
68, 68.629, 106.221



Tritanomaly
69, 46.005, 149.979

Monochromacy



Original Color
70, 91.835, 130.893



Achromatopsia
57, 0.007, 296.813



Achromatomaly
61, 42.481, 130.159

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 91.835, 130.893 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(79, 195, 0)` looks like.

```
.text, #text, p{  
    color:rgb(79, 195, 0)  
}
```

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(79, 195, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 195, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 91.835, 130.893 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(79, 195, 0) }
```

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

```
.border{ border-color:rgb(79, 195, 0) }
```

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

Here you see how a box with a 4 pixel rgb(79, 195, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 195, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 195, 0);  
box-shadow:4px 4px 4px 4px rgb(79, 195, 0)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 70, 91.835, 130.893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 195, 0) }
```

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

```
.background{ background-color: rgb(79, 195,  
0) }
```

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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