

Converting Colors

CIELCh(70, 86.474, 126.338)

Have a look what the booklet for
CIELCh(70, 86.474, 126.338)
contains.

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Color

CIELCh(70, 86.465, 126.329)

Conversions

Conversions Part 1	
Format	Color
Hex	6AC002
RGB	106, 192, 2
RGB Percent	42%, 75%, 1%
CMY	0.5845, 0.2472, 0.9925
CMYK	0.45, 0.00, 0.99, 0.25
HSL	87°, 98%, 38%
HSV	87°, 99%, 75%
XYZ	24.7915, 40.7494, 6.6134
YIQ	144.6260, 9.7340, -77.3220

Conversions

Conversions Part 2

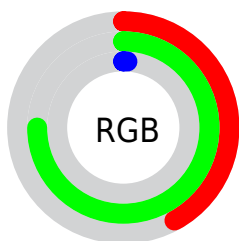
Format	Color
RYB	2, 192, 88
Decimal	6995970
CIELab	70.00, -51.22, 69.66
CIELCh	70, 86.465, 126.329
Yxy	40.7494, 0.3436, 0.5648
Android (android.graphics.Color)	4285186050 (0xFF6AC002)
YUV	144.6260, -70.3146, -33.8750
Hunter-Lab	63.8353, -42.3883, 38.5422

Details

The CIELCh color **70, 86.465, 126.329** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **29, 101.382, 310.882**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 86.466, 126.204**, and **50, 72.616, 132.618** is the 20% darker color. If you saturate the color by 10%, you get **70, 86.788, 126.431**, and if you desaturate by 10%, it is **70, 82.926, 125.322**.

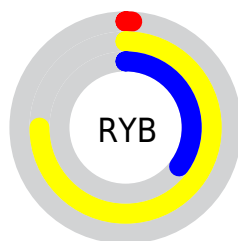
Distribution



Red (42%)

Green (75%)

Blue (1%)



Red (1%)

Yellow (75%)

Blue (35%)

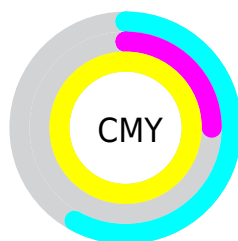


Cyan (45%)

Magenta (0%)

Yellow (99%)

Black (25%)



Cyan (58%)


Magenta (25%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 86.465, 126.329 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, 86.465, 126.329 by changing the saturation by 10% instead.


 70, 86.465,
126.329


 70, 86.465,
126.329


 100, 86.465,
126.329


 60, 86.465,
126.329


 90, 86.465,
126.329

 50, 86.465,
126.329

 40, 86.465,
126.329

 30, 86.465,
126.329

 20, 86.465,
126.329

 10, 86.465,
126.329

 0, 86.465, 126.329

70, 86.465,
126.329

70, 86.465,
126.329

70, 86.788,
126.431

70, 82.926,
125.322

71, 77.514,
124.748

71, 70.264,
124.597

72, 61.623,
124.748

73, 52.035,
125.086

74, 41.843,
125.526

75, 31.291,
126.011

76, 20.547,

126.507

 77, 9.726, 126.993

Harmonies

Complementary

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



70, 86.465, 126.329



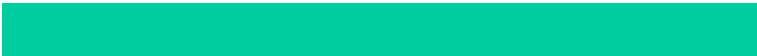
29, 101.382, 310.882

Rectangle

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



70, 86.465, 126.329



70, 86.465, 176.329



70, 86.465, 306.329



70, 86.465, 356.329

Sweetspot

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



70, 86.465, 126.330



94, 40.078, 125.938



50, 69.929, 56.750



50, 27.279, 125.730



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



70, 86.465, 126.330



89, 106.073, 126.696



68, 96.247, 135.857



40, 6.175, 126.975



59, 75.911, 126.211



11, 20.775, 130.701

Inverse Universe

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



29, 101.382, 310.882



39, 124.410, 310.665



44, 93.383, 326.274



38, 6.267, 307.823



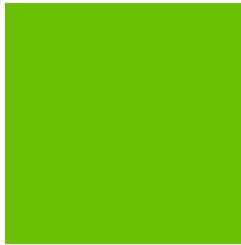
24, 89.122, 310.991



2, 20.064, 303.726

Previews

White Background



This preview shows how the CIE LCh color 70, 86.465, 126.329 looks on a white background.

Color Contrast Check

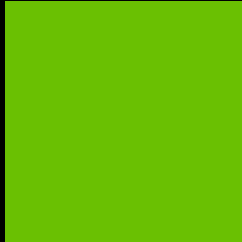
Large Text (above 18pt) WCAG AA × Fail

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, 86.465, 126.329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

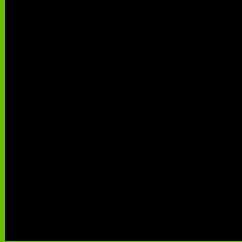
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 86.465, 126.329

Background



This preview shows how black text looks on a background with the CIELCh color 70, 86.465, 126.329.



This preview shows how white text looks on a background with the CIELCh color 70, 86.465, 126.329.

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, 86.465, 126.329

Protanopia

70, 72.513, 95.263

Deuteranopia

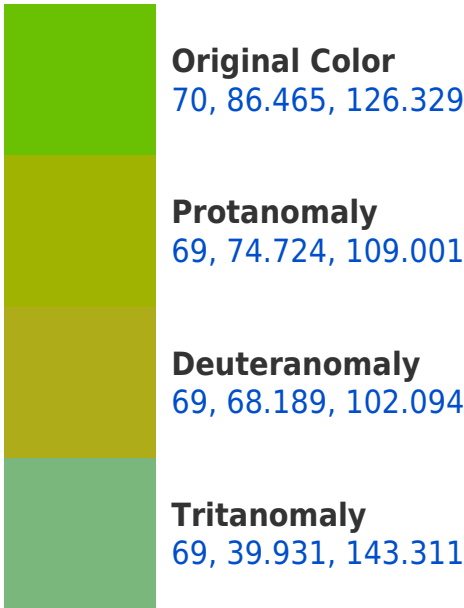
69, 66.019, 82.067



Tritanopia

70, 17.912, 225.789

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 86.465, 126.329 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(106, 192, 2)` looks like.

```
.text, #text, p{  
    color:rgb(106, 192, 2)  
}
```

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(106, 192, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 192, 2) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 86.465, 126.329 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(106, 192, 2) }
```

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

```
.border{ border-color:rgb(106, 192, 2) }
```

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

Here you see how a box with a 4 pixel rgb(106, 192, 2) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 192, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 192, 2);  
box-shadow:4px 4px 4px 4px rgb(106, 192,  
2) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 86.465, 126.329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 192, 2) }
```

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

```
.background{ background-color: rgb(106,  
192, 2) }
```

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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