

Converting Colors

CIELCh(72, 85.514, 125.450)

Have a look what the booklet for
CIELCh(72, 85.514, 125.450)
contains.

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Color

CIELCh(72, 85.537, 125.452)

Conversions

Conversions Part 1

Format	Color
Hex	74C511
RGB	116, 197, 17
RGB Percent	45%, 77%, 7%
CMY	0.5453, 0.2276, 0.9337
CMYK	0.41, 0.00, 0.91, 0.23
HSL	87°, 84%, 42%
HSV	87°, 91%, 77%
XYZ	27.2505, 43.6590, 7.5168
YIQ	152.2610, 9.5040, -73.1520

Conversions

Conversions Part 2

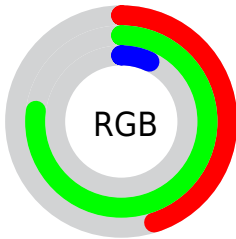
Format	Color
RYB	17, 197, 98
Decimal	7652625
CIELab	72.00, -49.61, 69.68
CIELCh	72, 85.537, 125.452
Yxy	43.6590, 0.3475, 0.5567
Android (android.graphics.Color)	4285842705 (0xFF74C511)
YUV	152.2610, -66.6837, -31.8009
Hunter-Lab	66.0750, -42.0147, 39.5075

Details

The CIELCh color **72, 85.537, 125.452** 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 **32, 99.855, 311.172**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 85.548, 125.471**, and **52, 72.737, 130.966** is the 20% darker color. If you saturate the color by 10%, you get **72, 88.410, 126.363**, and if you desaturate by 10%, it is **72, 80.552, 124.753**.

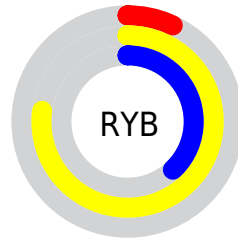
Distribution



Red (45%)

Green (77%)

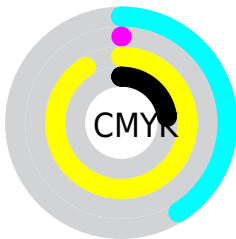
Blue (7%)



Red (7%)

Yellow (77%)

Blue (38%)

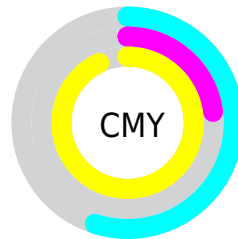


Cyan (41%)

Magenta (0%)

Yellow (91%)

Black (23%)



Cyan (55%)


Magenta (23%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 85.537, 125.452 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 72, 85.537, 125.452 by changing the saturation by 10% instead.


 72, 85.537,
125.452


 72, 85.537,
125.452


 100, 85.537,
125.452


 62, 85.537,
125.452


 92, 85.537,
125.452

 52, 85.537,
125.452

 42, 85.537,
125.452

 32, 85.537,
125.452

 22, 85.537,
125.452

 12, 85.537,
125.452

 2, 85.537, 125.452

■ 0, 85.537, 125.452

■ 72, 85.537,
125.452

■ 72, 85.537,
125.452

■ 72, 88.410,
126.363

■ 72, 80.552,
124.753

■ 73, 73.596,
124.505

■ 74, 65.095,
124.591

■ 74, 55.519,
124.891

■ 75, 45.247,
125.313

■ 76, 34.553,
125.793

■ 77, 23.626,
126.290

■ 78, 12.594,
126.781

■ 79, 1.549, 127.302

Harmonies

Complementary

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



72, 85.537, 125.452



32, 99.855, 311.172

Rectangle

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



72, 85.537, 125.452



72, 85.537, 175.452



72, 85.537, 305.452



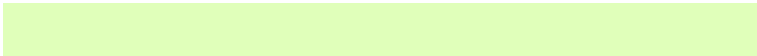
72, 85.537, 355.452

Sweetspot

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



72, 85.537, 125.453



96, 36.686, 125.991



52, 67.735, 57.170



51, 24.686, 125.819



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 85.537, 125.453



90, 107.633, 126.617



70, 95.918, 135.920



41, 6.306, 126.879



60, 76.745, 126.136



12, 22.459, 129.488

Inverse Universe

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



32, 99.855, 311.172



39, 126.416, 310.601



45, 93.604, 325.724



39, 6.400, 307.732



24, 90.224, 310.923



2, 22.182, 304.161

Previews

White Background



This preview shows how the CIELCh color 72, 85.537, 125.452 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 72, 85.537, 125.452 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 72, 85.537, 125.452

Background



This preview shows how black text looks on a background with the CIELCh color 72, 85.537, 125.452.

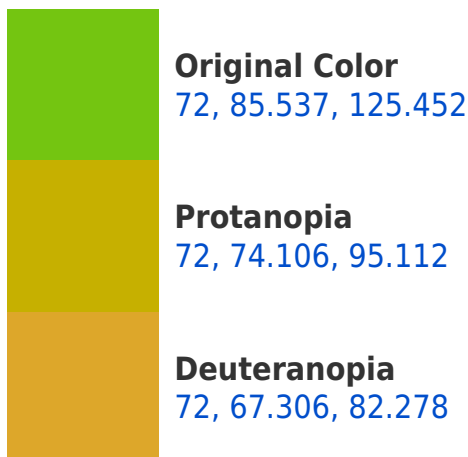


This preview shows how white text looks on a background with the CIELCh color 72, 85.537, 125.452.

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





Tritanopia
72, 16.825, 227.646

Trichromacy



Original Color
72, 85.537, 125.452

Protanomaly
71, 75.594, 108.282

Deuteranomaly
71, 68.587, 101.490

Tritanomaly
71, 37.571, 143.203

Monochromacy



Original Color
72, 85.537, 125.452

Achromatopsia
63, 0.008, 296.813

Achromatomaly
65, 37.200, 125.320

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 85.537, 125.452 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(116, 197, 17)` looks like.

```
.text, #text, p{  
    color:rgb(116, 197, 17)  
}
```

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(116, 197, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 197, 17) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 85.537, 125.452 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(116, 197, 17) }
```

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

```
.border{ border-color:rgb(116, 197, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 197, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 197, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 197, 17);  
box-shadow:4px 4px 4px 4px rgb(116, 197,  
17) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 85.537, 125.452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 197, 17) }
```

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

```
.background{ background-color: rgb(116,  
197, 17) }
```

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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