

Converting Colors

CIELCh(76, 93.121, 126.792)

Have a look what the booklet for
CIELCh(76, 93.121, 126.792)
contains.

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Color

CIELCh(76, 92.951, 126.725)

Conversions

Conversions Part 1

Format	Color
Hex	72D202
RGB	114, 210, 2
RGB Percent	45%, 82%, 1%
CMY	0.5514, 0.1750, 0.9916
CMYK	0.46, 0.00, 0.99, 0.17
HSL	88°, 98%, 42%
HSV	88°, 99%, 83%
XYZ	30.1422, 49.8872, 8.1013
YIQ	157.5840, 9.5520, -85.0400

Conversions

Conversions Part 2

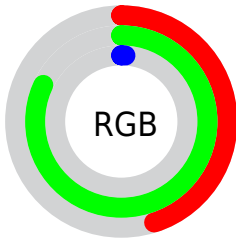
Format	Color
R_YB	2, 210, 98
Decimal	7524866
CIE Lab	76.00, -55.58, 74.50
CIE LCh	76, 92.951, 126.725
Yxy	49.8872, 0.3420, 0.5661
Android (android.graphics.Color)	4285714946 (0xFF72D202)
YUV	157.5840, -76.7029, -38.2232
Hunter-Lab	70.6309, -47.4281, 42.6411

Details

The CIELCh color **76, 92.951, 126.725** 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 **33, 108.485, 310.997**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 86.711, 125.374**, and **56, 79.088, 132.666** is the 20% darker color. If you saturate the color by 10%, you get **76, 93.283, 126.835**, and if you desaturate by 10%, it is **76, 89.276, 125.672**.

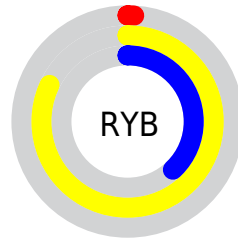
Distribution



Red (45%)

Green (82%)

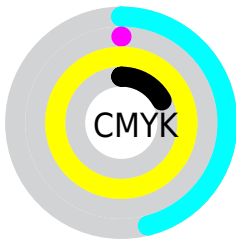
Blue (1%)



Red (1%)

Yellow (82%)

Blue (38%)

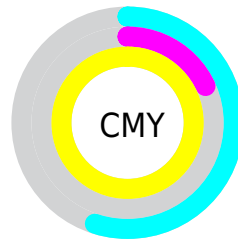


Cyan (46%)

Magenta (0%)

Yellow (99%)

Black (17%)



Cyan (55%)


Magenta (18%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 92.951, 126.725 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 76, 92.951, 126.725 by changing the saturation by 10% instead.


 76, 92.951,
126.725


 76, 92.951,
126.725


 100, 92.951,
126.725


 66, 92.951,
126.725


 96, 92.951,
126.725

 56, 92.951,
126.725

 46, 92.951,
126.725

 36, 92.951,
126.725

 26, 92.951,
126.725

 16, 92.951,
126.725

 6, 92.951, 126.725

■ 0, 92.951, 126.725

■ 76, 92.951,
126.725

■ 76, 92.951,
126.725

■ 76, 93.283,
126.835

■ 76, 89.276,
125.672

■ 77, 83.524,
125.072

■ 78, 75.761,
124.905

■ 78, 66.471,
125.049

■ 79, 56.139,
125.385

■ 80, 45.145,
125.825

■ 81, 33.756,
126.311

■ 82, 22.158,
126.807

■ 83, 10.478,
127.292

Harmonies

Complementary

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



76, 92.951, 126.725



33, 108.485, 310.997

Rectangle

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



76, 92.951, 126.725



76, 92.951, 176.725



76, 92.951, 306.725



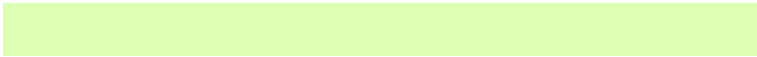
76, 92.951, 356.725

Sweetspot

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



76, 92.951, 126.726



96, 40.821, 126.244



54, 75.038, 56.530



51, 27.790, 126.035



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



76, 92.951, 126.726



90, 108.031, 127.018



74, 103.120, 135.873



44, 6.587, 127.272



62, 78.819, 126.577



14, 25.819, 128.177

Inverse Universe

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



33, 108.485, 310.997



40, 126.118, 310.825



48, 100.025, 326.264



41, 6.684, 308.120



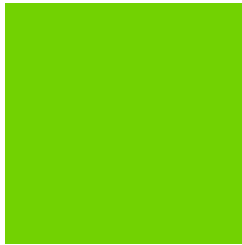
25, 92.108, 311.123



3, 26.539, 306.017

Previews

White Background



This preview shows how the CIELCh color 76, 92.951, 126.725 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 76, 92.951, 126.725 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

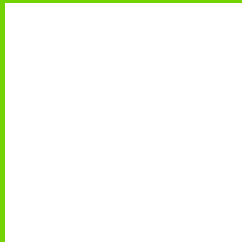
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 92.951, 126.725

Background



This preview shows how black text looks on a background with the CIELCh color 76, 92.951, 126.725.



This preview shows how white text looks on a background with the CIELCh color 76, 92.951, 126.725.

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
76, 92.863, 126.754

Protanopia
76, 77.500, 95.202

Deuteranopia
76, 71.187, 82.449



Tritanopia
76, 19.627, 222.682

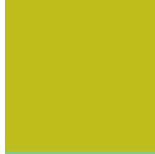
Trichromacy



Original Color
76, 92.863, 126.754



Protanomaly
75, 80.047, 109.429



Deuteranomaly
75, 73.480, 102.508



Tritanomaly
75, 44.008, 143.442

Monochromacy



Original Color
76, 92.863, 126.754



Achromatopsia
65, 0.008, 296.813



Achromatomaly
68, 43.072, 125.651

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 92.951, 126.725 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(114, 210, 2)` looks like.

```
.text, #text, p{  
    color:rgb(114, 210, 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(114, 210, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 210, 2) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 92.951, 126.725 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(114, 210, 2) }
```

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

```
.border{ border-color:rgb(114, 210, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 210, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 210, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 210, 2);  
box-shadow:4px 4px 4px 4px rgb(114, 210,  
2) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 92.951, 126.725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 210, 2) }
```

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

```
.background{ background-color: rgb(114,  
210, 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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