

Converting Colors

CIELCh(76, 93.352, 126.420)

Have a look what the booklet for
CIELCh(76, 93.352, 126.420)
contains.

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Color

CIELCh(76, 92.891, 126.522)

Conversions

Conversions Part 1

Format	Color
Hex	73D201
RGB	115, 210, 1
RGB Percent	45%, 82%, 0%
CMY	0.5479, 0.1754, 0.9969
CMYK	0.45, 0.00, 1.00, 0.18
HSL	87°, 99%, 41%
HSV	87°, 100%, 82%
XYZ	30.2218, 49.8872, 8.0585
YIQ	157.7690, 10.4690, -85.1390

Conversions

Conversions Part 2

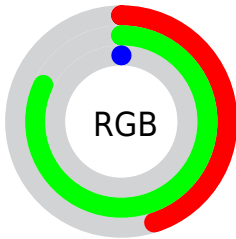
Format	Color
RYB	1, 210, 96
Decimal	7590401
CIELab	76.00, -55.28, 74.65
CIELCh	76, 92.891, 126.522
Yxy	49.8872, 0.3428, 0.5658
Android (android.graphics.Color)	4285780481 (0xFF73D201)
YUV	157.7690, -77.2871, -37.5084
Hunter-Lab	70.6309, -47.2269, 42.6770

Details

The CIELCh color **76, 92.891, 126.522** 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, 108.901, 310.813**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 86.568, 125.162**, and **56, 78.842, 132.405** is the 20% darker color. If you saturate the color by 10%, you get **76, 93.014, 126.564**, and if you desaturate by 10%, it is **76, 89.322, 125.455**.

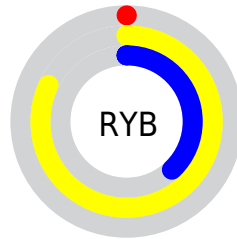
Distribution



Red (45%)

Green (82%)

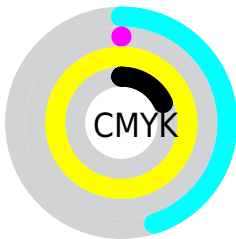
Blue (0%)



Red (0%)

Yellow (82%)

Blue (38%)

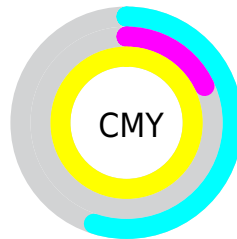


Cyan (45%)

Magenta (0%)

Yellow (100%)

Black (18%)



Cyan (55%)


Magenta (18%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 92.891, 126.522 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, 92.891, 126.522 by changing the saturation by 10% instead.


 76, 92.891,
126.522


 76, 92.891,
126.522


 100, 92.891,
126.522


 66, 92.891,
126.522


 96, 92.891,
126.522

 56, 92.891,
126.522

 46, 92.891,
126.522

 36, 92.891,
126.522

 26, 92.891,
126.522

 16, 92.891,
126.522

 6, 92.891, 126.522

■ 0, 92.891, 126.522

■ 76, 92.891,
126.522

■ 76, 92.891,
126.522

■ 76, 93.014,
126.564

■ 76, 89.322,
125.455

■ 77, 83.736,
124.822

■ 78, 76.116,
124.631

■ 78, 66.937,
124.758

■ 79, 56.688,
125.084

■ 80, 45.755,
125.520

■ 81, 34.414,
126.006

■ 82, 22.853,
126.504

■ 83, 11.201,
126.994

Harmonies

Complementary

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



76, 92.891, 126.522



32, 108.901, 310.813

Rectangle

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



76, 92.891, 126.522



76, 92.891, 176.522



76, 92.891, 306.522



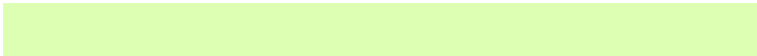
76, 92.891, 356.522

Sweetspot

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



76, 92.891, 126.523



96, 40.748, 125.971



54, 75.360, 56.391



51, 27.739, 125.761



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, 92.891, 126.523



90, 107.761, 126.747



74, 103.223, 135.853



44, 6.576, 127.004



62, 78.626, 126.306



14, 25.755, 127.888

Inverse Universe

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



32, 108.901, 310.813



39, 126.320, 310.672



48, 100.110, 326.258



41, 6.675, 307.860



25, 92.252, 310.969



3, 26.503, 305.747

Previews

White Background



This preview shows how the CIELCh color 76, 92.891, 126.522 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, 92.891, 126.522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

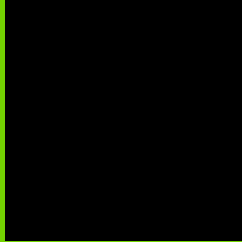
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 92.891, 126.522

Background



This preview shows how black text looks on a background with the CIELCh color 76, 92.891, 126.522.



This preview shows how white text looks on a background with the CIELCh color 76, 92.891, 126.522.

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, 92.803, 126.551

Protanopia

76, 77.500, 95.202

Deuteranopia

76, 71.187, 82.449



Tritanopia
76, 19.281, 225.010

Trichromacy



Original Color
76, 92.803, 126.551



Protanomaly
75, 79.737, 108.830



Deuteranomaly
75, 73.689, 102.491



Tritanomaly
75, 43.800, 143.115

Monochromacy



Original Color
76, 92.803, 126.551



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, 92.891, 126.522 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(115, 210, 1)` looks like.

```
.text, #text, p{  
    color:rgb(115, 210, 1)  
}
```

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(115, 210, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 210, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 92.891, 126.522 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(115, 210, 1) }
```

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

```
.border{ border-color:rgb(115, 210, 1) }
```

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

Here you see how a box with a 4 pixel rgb(115, 210, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 210, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 210, 1);  
box-shadow:4px 4px 4px 4px rgb(115, 210,  
1) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 92.891, 126.522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 210, 1) }
```

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

```
.background{ background-color: rgb(115,  
210, 1) }
```

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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