

Converting Colors

CIELCh(76, 89.540, 125.262)

Have a look what the booklet for
CIELCh(76, 89.540, 125.262)
contains.

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Color

CIELCh(76, 89.540, 125.262)

Conversions

Conversions Part 1

Format	Color
Hex	7CD111
RGB	124, 209, 17
RGB Percent	49%, 82%, 7%
CMY	0.5140, 0.1806, 0.9339
CMYK	0.41, 0.00, 0.92, 0.18
HSL	87°, 85%, 44%
HSV	87°, 92%, 82%
XYZ	31.1855, 49.8872, 8.5097
YIQ	161.6970, 10.9720, -77.7320

Conversions

Conversions Part 2

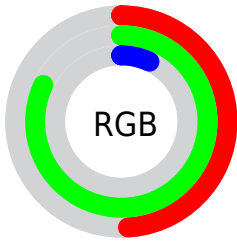
Format	Color
RYB	17, 209, 102
Decimal	8179985
CIELab	76.00, -51.69, 73.11
CIElCh	76, 89.540, 125.262
Yxy	49.8872, 0.3481, 0.5569
Android (android.graphics.Color)	4286370065 (0xFF7CD111)
YUV	161.6970, -71.3356, -33.0603
Hunter-Lab	70.6309, -44.7914, 42.2983

Details

The CIELCh color **76, 89.540, 125.262** 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 **34, 104.993, 310.979**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 83.730, 123.907**, and **56, 76.797, 130.516** is the 20% darker color. If you saturate the color by 10%, you get **76, 92.231, 126.153**, and if you desaturate by 10%, it is **77, 84.522, 124.518**.

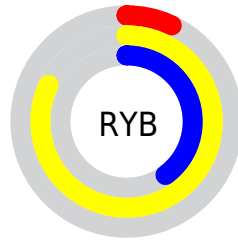
Distribution



Red (49%)

Green (82%)

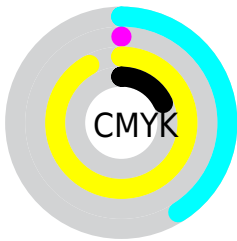
Blue (7%)



Red (7%)

Yellow (82%)

Blue (40%)

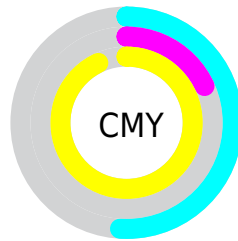


Cyan (41%)

Magenta (0%)

Yellow (92%)

Black (18%)



Cyan (51%)


Magenta (18%)

Yellow (93%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 89.540, 125.262 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, 89.540, 125.262 by changing the saturation by 10% instead.


 76, 89.540,
125.262

 76, 89.540,
125.262


 100, 89.540,
125.262


 66, 89.540,
125.262

 96, 89.540,
125.262

 56, 89.540,
125.262

 46, 89.540,
125.262

 36, 89.540,
125.262

 26, 89.540,
125.262

 16, 89.540,
125.262

 6, 89.540, 125.262

■ 0, 89.540, 125.262

■ 76, 89.540,
125.262

■ 76, 89.540,
125.262

■ 76, 92.231,
126.153

■ 77, 84.522,
124.518

■ 77, 77.401,
124.236

■ 78, 68.613,
124.301

■ 79, 58.658,
124.590

■ 79, 47.945,
125.009

■ 80, 36.770,
125.489

■ 81, 25.338,
125.990

■ 82, 13.788,
126.487

■ 84, 2.217, 126.997

Harmonies

Complementary

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



76, 89.540, 125.262



34, 104.993, 310.979

Rectangle

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



76, 89.540, 125.262



76, 89.540, 175.262



76, 89.540, 305.262



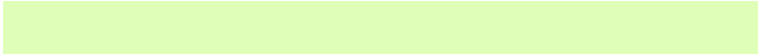
76, 89.540, 355.262

Sweetspot

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



76, 89.540, 125.263



96, 37.965, 125.669



55, 71.333, 56.982



51, 26.158, 125.452



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, 89.540, 125.263



90, 107.366, 126.343



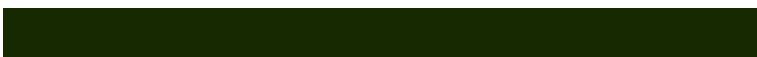
73, 100.560, 135.902



44, 6.561, 126.610



62, 78.345, 125.902



14, 25.662, 127.458

Inverse Universe

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



34, 104.993, 310.979



39, 126.614, 310.454



48, 98.082, 325.716



41, 6.661, 307.477



25, 92.464, 310.748



3, 26.454, 305.357

Previews

White Background



This preview shows how the CIELCh color 76, 89.540, 125.262 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, 89.540, 125.262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

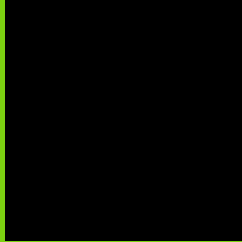
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 89.540, 125.262

Background



This preview shows how black text looks on a background with the CIELCh color 76, 89.540, 125.262.



This preview shows how white text looks on a background with the CIELCh color 76, 89.540, 125.262.

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, 89.540, 125.262

Protanopia

76, 77.500, 95.202

Deuteranopia

76, 70.598, 82.337



Tritanopia
76, 17.213, 228.682

Trichromacy



Original Color
76, 89.540, 125.262



Protanomaly
75, 78.977, 107.992



Deuteranomaly
75, 72.135, 101.563

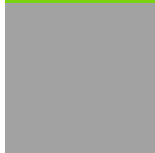


Tritanomaly
75, 38.932, 142.779

Monochromacy



Original Color
76, 89.540, 125.262



Achromatopsia
67, 0.008, 296.813



Achromatomaly
69, 39.544, 125.169

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 89.540, 125.262 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(124, 209, 17)` looks like.

```
.text, #text, p{  
    color:rgb(124, 209, 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(124, 209, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 209, 17) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 89.540, 125.262 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(124, 209, 17) }
```

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

```
.border{ border-color:rgb(124, 209, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 209, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 209, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 209, 17);  
box-shadow:4px 4px 4px 4px rgb(124, 209,  
17) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 89.540, 125.262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 209, 17) }
```

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

```
.background{ background-color: rgb(124,  
209, 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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