

Converting Colors

CIELCh(76, 85.332, 117.776)

Have a look what the booklet for
CIELCh(76, 85.332, 117.776)
contains.

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Color

CIELCh(76, 85.303, 117.714)

Conversions

Conversions Part 1

Format	Color
Hex	98CC00
RGB	152, 204, 0
RGB Percent	60%, 80%, 0%
CMY	0.4037, 0.1998, 0.9994
CMYK	0.25, 0.00, 1.00, 0.20
HSL	75°, 100%, 40%
HSV	75°, 100%, 80%
XYZ	34.5619, 49.8872, 7.8114
YIQ	165.1960, 34.4920, -74.4680

Conversions

Conversions Part 2

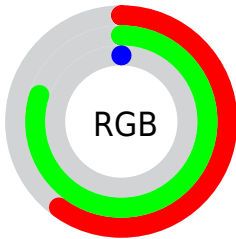
Format	Color
RYB	0, 204, 52
Decimal	10013696
CIELab	76.00, -39.67, 75.52
CIELCh	76, 85.303, 117.714
Yxy	49.8872, 0.3746, 0.5407
Android (android.graphics.Color)	4288203776 (0xFF98CC00)
YUV	165.1960, -81.4416, -11.5729
Hunter-Lab	70.6309, -36.2584, 42.8845

Details

The CIELCh color **76, 85.303, 117.714** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **27, 110.620, 307.735**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **94, 82.565, 116.472**, and **56, 70.286, 122.969** is the 20% darker color. If you saturate the color by 10%, you get **76, 85.322, 117.722**, and if you desaturate by 10%, it is **76, 82.516, 116.898**.

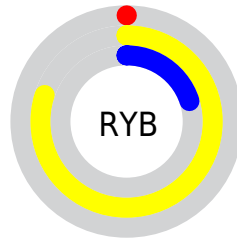
Distribution



Red (60%)

Green (80%)

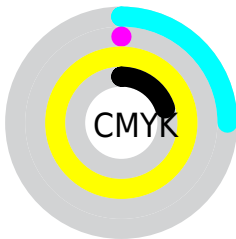
Blue (0%)



Red (0%)

Yellow (80%)

Blue (20%)

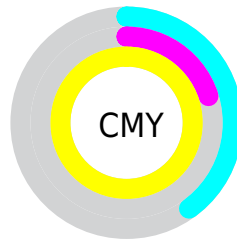


Cyan (25%)

Magenta (0%)

Yellow (100%)

Black (20%)



Cyan (40%)


Magenta (20%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 85.303, 117.714 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, 85.303, 117.714 by changing the saturation by 10% instead.


 76, 85.303,
117.714

 76, 85.303,
117.714


 100, 85.303,
117.714


 66, 85.303,
117.714


 96, 85.303,
117.714

 56, 85.303,
117.714

 46, 85.303,
117.714

 36, 85.303,
117.714

 26, 85.303,
117.714

 16, 85.303,
117.714

 6, 85.303, 117.714

■ 0, 85.303, 117.714

■ 76, 85.303,
117.714

■ 76, 85.303,
117.714

■ 76, 85.322,
117.722

■ 76, 82.516,
116.898

■ 77, 77.785,
116.462

■ 77, 71.024,
116.416

■ 78, 62.695,
116.657

■ 78, 53.281,
117.089

■ 79, 43.166,
117.634

■ 80, 32.618,
118.240

■ 80, 21.818,
118.869

■ 81, 10.887,
119.498

Harmonies

Complementary

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



76, 85.303, 117.714



27, 110.620, 307.735

Rectangle

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



76, 85.303, 117.714



76, 85.303, 167.714



76, 85.303, 297.714



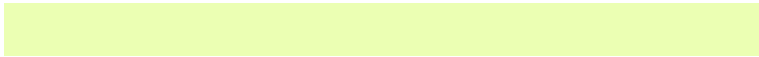
76, 85.303, 347.714

Sweetspot

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



76, 85.303, 117.716



97, 39.175, 118.211



46, 82.150, 45.053



51, 26.646, 117.948



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, 85.303, 117.716



93, 101.023, 117.893



72, 98.629, 134.054



43, 6.222, 119.531



63, 73.031, 117.529



14, 22.694, 119.657

Inverse Universe

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



27, 110.620, 307.735



35, 131.089, 307.634



40, 100.349, 318.939



40, 6.345, 300.702



21, 94.661, 307.856



2, 23.806, 298.988

Previews

White Background



This preview shows how the CIELCh color 76, 85.303, 117.714 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, 85.303, 117.714 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, 85.303, 117.714

Background



This preview shows how black text looks on a background with the CIELCh color 76, 85.303, 117.714.



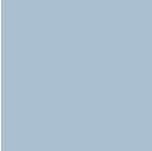
This preview shows how white text looks on a background with the CIELCh color 76, 85.303, 117.714.

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
76, 10.508, 249.522

Trichromacy



Original Color
76, 85.303, 117.714

Protanomaly
76, 78.608, 103.819

Deuteranomaly
75, 74.104, 96.900

Tritanomaly
75, 36.232, 127.545

Monochromacy



Original Color
76, 85.303, 117.714

Achromatopsia
68, 0.008, 296.813

Achromatomaly
70, 40.147, 117.646

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 85.303, 117.714 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(152, 204, 0)` looks like.

```
.text, #text, p{  
    color:rgb(152, 204, 0)  
}
```

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(152, 204, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 204, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 85.303, 117.714 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(152, 204, 0) }
```

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

```
.border{ border-color:rgb(152, 204, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 204, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 204, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 204, 0);  
box-shadow:4px 4px 4px 4px rgb(152, 204,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 85.303, 117.714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 204, 0) }
```

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

```
.background{ background-color: rgb(152,  
204, 0) }
```

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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