

Converting Colors

CIELCh(73, 68.659, 130.140)

Have a look what the booklet for
CIELCh(73, 68.659, 130.140)
contains.

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Color

CIELCh(73, 68.708, 130.180)

Conversions

Conversions Part 1

Format	Color
Hex	7BC64C
RGB	123, 198, 76
RGB Percent	48%, 78%, 30%
CMY	0.5173, 0.2232, 0.7016
CMYK	0.38, 0.00, 0.62, 0.22
HSL	97°, 52%, 54%
HSV	97°, 62%, 78%
XYZ	29.6992, 45.1644, 14.0036
YIQ	161.6670, -5.5380, -53.8420

Conversions

Conversions Part 2

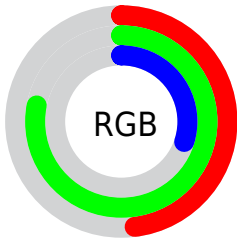
Format	Color
RYB	76, 198, 151
Decimal	8111692
CIELab	73.00, -44.33, 52.49
CIElCh	73, 68.708, 130.180
Yxy	45.1644, 0.3342, 0.5082
Android (android.graphics.Color)	4286301772 (0xFF7BC64C)
YUV	161.6670, -42.2338, -33.9110
Hunter-Lab	67.2044, -38.7245, 34.6887

Details

The CIELCh color **73, 68.708, 130.180** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted chartreuse. A complement of this color would be **47, 73.138, 315.536**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 68.621, 129.997**, and **53, 68.492, 130.081** is the 20% darker color. If you saturate the color by 10%, you get **72, 77.705, 129.993**, and if you desaturate by 10%, it is **74, 58.588, 130.558**.

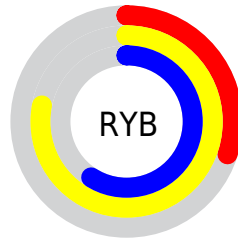
Distribution



Red (48%)

Green (78%)

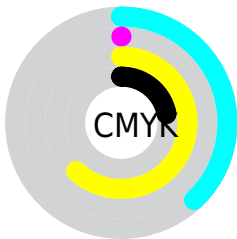
Blue (30%)



Red (30%)

Yellow (78%)

Blue (59%)

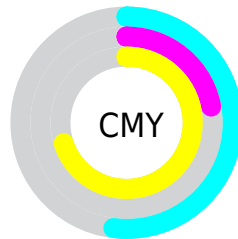


Cyan (38%)

Magenta (0%)

Yellow (62%)

Black (22%)



Cyan (52%)


Magenta (22%)


Yellow (70%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 68.708, 130.180 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 73, 68.708, 130.180 by changing the saturation by 10% instead.


 73, 68.708,
130.180

 73, 68.708,
130.180


 100, 68.708,
130.180


 63, 68.708,
130.180


 93, 68.708,
130.180

 53, 68.708,
130.180

 43, 68.708,
130.180

 33, 68.708,
130.180

 23, 68.708,
130.180

 13, 68.708,
130.180

 3, 68.708, 130.180

■ 0, 68.708, 130.180

■ 73, 68.708,
130.180

■ 73, 68.708,
130.180

■ 72, 77.705,
129.993

■ 74, 58.588,
130.558

■ 72, 85.089,
130.118

■ 75, 47.741,
131.028

■ 71, 90.419,
130.675

■ 76, 36.461,
131.529

■ 71, 93.455,
131.406

■ 77, 24.958,
132.024

■ 78, 13.377,
132.495

■ 80, 1.823, 132.995

■ 81, 9.630, 313.279

■ 83, 20.930,
313.630

■ 84, 32.041,
313.935

Harmonies

Complementary

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



73, 68.708, 130.180



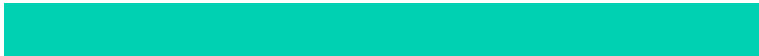
47, 73.138, 315.536

Rectangle

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



73, 68.708, 130.180



73, 68.708, 180.180



73, 68.708, 310.180



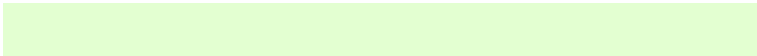
73, 68.708, 0.180

Sweetspot

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



73, 68.709, 130.181



97, 25.534, 132.184



65, 46.204, 77.023



51, 17.747, 132.042



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 68.709, 130.181



91, 97.373, 129.995



71, 71.723, 141.583



41, 6.560, 132.595



59, 80.750, 131.196



12, 23.822, 135.234

Inverse Universe

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



47, 73.138, 315.536



53, 104.642, 315.723



53, 70.549, 330.794



39, 6.629, 313.349



28, 87.140, 314.919



3, 22.946, 310.355

Previews

White Background



This preview shows how the CIELCh color 73, 68.708, 130.180 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 73, 68.708, 130.180 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 73, 68.708, 130.180

Background



This preview shows how black text looks on a background with the CIELCh color 73, 68.708, 130.180.

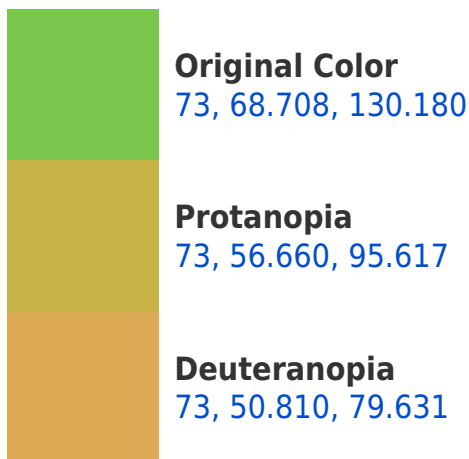


This preview shows how white text looks on a background with the CIELCh color 73, 68.708, 130.180.

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
73, 16.063, 226.863

Trichromacy



Original Color
73, 68.708, 130.180



Protanomaly
72, 58.280, 110.948



Deuteranomaly
72, 50.967, 102.669



Tritanomaly
73, 27.690, 154.124

Monochromacy



Original Color
73, 68.708, 130.180



Achromatopsia
67, 0.008, 296.813



Achromatomaly
68, 26.262, 131.824

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 68.708, 130.180 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(123, 198, 76)` looks like.

```
.text, #text, p{  
    color:rgb(123, 198, 76)  
}
```

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(123, 198, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 198, 76) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 68.708, 130.180 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(123, 198, 76) }
```

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

```
.border{ border-color:rgb(123, 198, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 198, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 198, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 198, 76);  
box-shadow:4px 4px 4px 4px rgb(123, 198,  
76) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 68.708, 130.180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 198, 76) }
```

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

```
.background{ background-color: rgb(123,  
198, 76) }
```

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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