

Converting Colors

CIELCh(72, 77.220, 128.592)

Have a look what the booklet for
CIELCh(72, 77.220, 128.592)
contains.

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Color

CIELCh(72, 77.550, 128.618)

Conversions

Conversions Part 1

Format	Color
Hex	73C535
RGB	115, 197, 53
RGB Percent	45%, 77%, 21%
CMY	0.5503, 0.2287, 0.7935
CMYK	0.42, 0.00, 0.73, 0.23
HSL	94°, 58%, 49%
HSV	94°, 73%, 77%
XYZ	27.5522, 43.6590, 10.3012
YIQ	156.0660, -2.6480, -62.1680

Conversions

Conversions Part 2

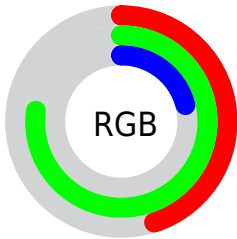
Format	Color
RYB	53, 197, 135
Decimal	7587125
CIELab	72.00, -48.40, 60.59
CIELCh	72, 77.550, 128.618
Yxy	43.6590, 0.3380, 0.5356
Android (android.graphics.Color)	4285777205 (0xFF73C535)
YUV	156.0660, -50.8115, -36.0149
Hunter-Lab	66.0750, -41.1997, 37.0091

Details

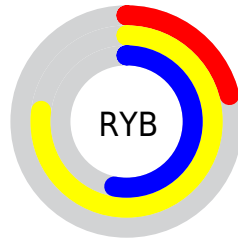
The CIELCh color **72, 77.550, 128.618** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **41, 84.539, 314.420**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 77.391, 128.731**, and **52, 72.594, 130.788** is the 20% darker color. If you saturate the color by 10%, you get **71, 84.500, 128.867**, and if you desaturate by 10%, it is **73, 68.945, 128.715**.

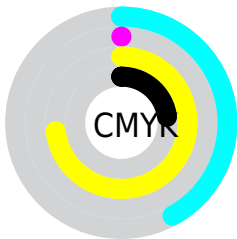
Distribution



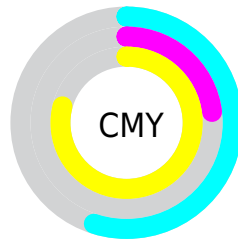
- Red (45%)
- Green (77%)
- Blue (21%)



- Red (21%)
- Yellow (77%)
- Blue (53%)



- Cyan (42%)
- Magenta (0%)
- Yellow (73%)
- Black (23%)



- Cyan (55%)
- Magenta (23%)
- Yellow (79%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 77.550, 128.618 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 72, 77.550, 128.618 by changing the saturation by 10% instead.

 72, 77.550,
128.618

 72, 77.550,
128.618

 100, 77.550,
128.618

 62, 77.550,
128.618

 92, 77.550,
128.618

 52, 77.550,
128.618

 42, 77.550,
128.618

 32, 77.550,
128.618

 22, 77.550,
128.618

 12, 77.550,
128.618

 2, 77.550, 128.618

■ 0, 77.550, 128.618

■ 72, 77.550,
128.618

■ 72, 77.550,
128.618

■ 71, 84.500,
128.867

■ 73, 68.945,
128.715

■ 71, 89.390,
129.572

■ 73, 59.168,
129.029

■ 71, 91.748,
130.223

■ 74, 48.626,
129.461

■ 75, 37.620,
129.941

■ 76, 26.362,
130.428

■ 78, 15.001,
130.899

■ 79, 3.642, 131.363

■ 80, 7.641, 311.704

■ 82, 18.797,
312.073

Harmonies

Complementary

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



72, 77.550, 128.618



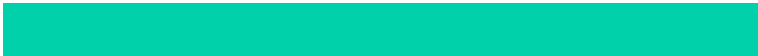
41, 84.539, 314.420

Rectangle

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



72, 77.550, 128.618



72, 77.550, 178.618



72, 77.550, 308.618



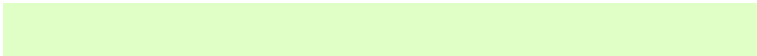
72, 77.550, 358.618

Sweetspot

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



72, 77.550, 128.619



97, 30.833, 130.471



61, 54.162, 72.150



51, 20.712, 130.338



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 77.550, 128.619



90, 106.707, 129.241



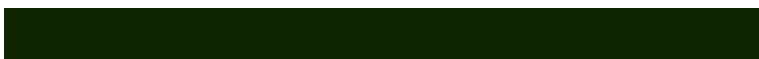
70, 83.306, 139.222



41, 6.484, 131.074



60, 79.705, 130.008



12, 23.456, 133.849

Inverse Universe

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



41, 84.539, 314.420



46, 117.500, 314.164



49, 80.817, 330.139



39, 6.560, 311.841



27, 87.963, 313.696



3, 22.689, 308.543

Previews

White Background



This preview shows how the CIELCh color 72, 77.550, 128.618 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 72, 77.550, 128.618 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 72, 77.550, 128.618

Background



This preview shows how black text looks on a background with the CIELCh color 72, 77.550, 128.618.



This preview shows how white text looks on a background with the CIELCh color 72, 77.550, 128.618.

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

72, 77.550, 128.618

Protanopia

72, 64.411, 95.355

Deuteranopia

72, 59.025, 81.156



Tritanopia
72, 17.352, 226.644

Trichromacy



Original Color
72, 77.550, 128.618

Protanomaly
71, 66.382, 110.197

Deuteranomaly
71, 59.585, 102.948

Tritanomaly
71, 32.451, 151.054

Monochromacy



Original Color
72, 77.550, 128.618

Achromatopsia
64, 0.008, 296.813

Achromatomaly
67, 31.316, 129.949

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 77.550, 128.618 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, 197, 53)` looks like.

```
.text, #text, p{  
    color:rgb(115, 197, 53)  
}
```

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, 197, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 197, 53) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 77.550, 128.618 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, 197, 53) }
```

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

```
.border{ border-color:rgb(115, 197, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 197, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 197, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 197, 53);  
box-shadow:4px 4px 4px 4px rgb(115, 197,  
53) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 77.550, 128.618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 197, 53) }
```

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

```
.background{ background-color: rgb(115,  
197, 53) }
```

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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