

Converting Colors

CIELCh(72, 73.705, 134.137)

Have a look what the booklet for
CIELCh(72, 73.705, 134.137)
contains.

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Color

CIELCh(72, 73.705, 134.137)

Conversions

Conversions Part 1

Format	Color
Hex	66C648
RGB	102, 198, 72
RGB Percent	40%, 78%, 28%
CMY	0.6002, 0.2237, 0.7178
CMYK	0.48, 0.00, 0.64, 0.22
HSL	106°, 52%, 53%
HSV	106°, 64%, 78%
XYZ	26.8279, 43.6590, 13.1373
YIQ	154.9320, -16.7700, -59.5380

Conversions

Conversions Part 2

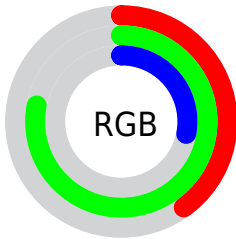
Format	Color
RYB	72, 198, 168
Decimal	6735432
CIELab	72.00, -51.33, 52.90
CIELCh	72, 73.705, 134.137
Yxy	43.6590, 0.3208, 0.5221
Android (android.graphics.Color)	4284925512 (0xFF66C648)
YUV	154.9320, -40.8855, -46.4214
Hunter-Lab	66.0750, -43.1564, 34.4642

Details

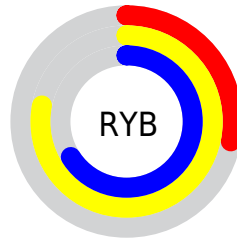
The CIELCh color **72, 73.705, 134.137** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **48, 75.749, 320.086**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 73.548, 133.971**, and **52, 73.614, 134.195** is the 20% darker color. If you saturate the color by 10%, you get **71, 82.652, 133.741**, and if you desaturate by 10%, it is **73, 63.420, 134.696**.

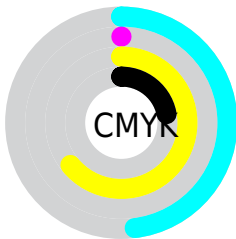
Distribution



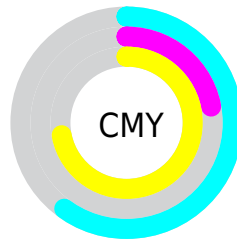
- Red (40%)
- Green (78%)
- Blue (28%)



- Red (28%)
- Yellow (78%)
- Blue (66%)



- Cyan (48%)
- Magenta (0%)
- Yellow (64%)
- Black (22%)





- Cyan (60%)
- Magenta (22%)
- Yellow (72%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 73.705, 134.137 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, 73.705, 134.137 by changing the saturation by 10% instead.


 72, 73.705,
134.137


 72, 73.705,
134.137


 100, 73.705,
134.137


 62, 73.705,
134.137


 92, 73.705,
134.137

 52, 73.705,
134.137

 42, 73.705,
134.137

 32, 73.705,
134.137

 22, 73.705,
134.137

 12, 73.705,
134.137

 2, 73.705, 134.137

■ 0, 73.705, 134.137

■ 72, 73.705,
134.137

■ 72, 73.705,
134.137

■ 71, 82.652,
133.741

■ 73, 63.420,
134.696

■ 71, 89.742,
133.631

■ 74, 52.246,
135.315

■ 70, 94.551,
133.916

■ 75, 40.530,
135.934

■ 70, 96.631,
134.208

■ 76, 28.528,
136.517

■ 78, 16.427,
137.049

■ 79, 4.362, 137.550

■ 81, 7.570, 317.889

■ 83, 19.301,
318.260

■ 85, 30.787,
318.569

Harmonies

Complementary

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



72, 73.705, 134.137



48, 75.749, 320.086

Rectangle

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



72, 73.705, 134.137



72, 73.705, 184.137



72, 73.705, 314.137



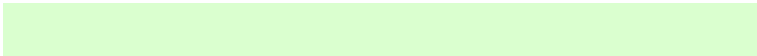
72, 73.705, 4.137

Sweetspot

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



72, 73.706, 134.138



96, 28.136, 136.756



69, 51.857, 89.160



51, 19.373, 136.598



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, 73.706, 134.138



89, 103.294, 133.663



71, 66.295, 145.858



41, 6.838, 137.261



59, 83.568, 134.055



11, 24.883, 138.812

Inverse Universe

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



48, 75.749, 320.086



56, 105.897, 320.156



51, 65.403, 337.112



39, 6.883, 318.045



32, 84.803, 319.467



3, 24.083, 316.689

Previews

White Background



This preview shows how the CIELCh color 72, 73.705, 134.137 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, 73.705, 134.137 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, 73.705, 134.137

Background



This preview shows how black text looks on a background with the CIELCh color 72, 73.705, 134.137.

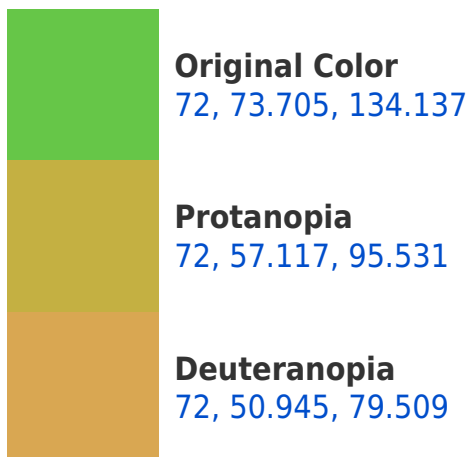


This preview shows how white text looks on a background with the CIELCh color 72, 73.705, 134.137.

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
72, 20.461, 221.806

Trichromacy



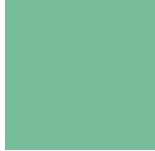
Original Color
72, 73.705, 134.137



Protanomaly
71, 59.573, 113.598



Deuteranomaly
71, 51.882, 106.425



Tritanomaly
71, 33.201, 159.572

Monochromacy



Original Color
72, 73.705, 134.137



Achromatopsia
64, 0.008, 296.813



Achromatomaly
66, 28.796, 136.317

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 73.705, 134.137 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(102, 198, 72)` looks like.

```
.text, #text, p{  
    color:rgb(102, 198, 72)  
}
```

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(102, 198, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 198, 72) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 73.705, 134.137 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(102, 198, 72) }
```

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

```
.border{ border-color:rgb(102, 198, 72) }
```

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

Here you see how a box with a 4 pixel rgb(102, 198, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 198, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 198, 72);  
box-shadow:4px 4px 4px 4px rgb(102, 198,  
72) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 73.705, 134.137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 198, 72) }
```

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

```
.background{ background-color: rgb(102,  
198, 72) }
```

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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