

Converting Colors

CIELCh(73, 66.423, 132.555)

Have a look what the booklet for
CIELCh(73, 66.423, 132.555)
contains.

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Color

CIELCh(73, 66.244, 132.622)

Conversions

Conversions Part 1

Format	Color
Hex	77C654
RGB	119, 198, 84
RGB Percent	47%, 78%, 33%
CMY	0.5318, 0.2220, 0.6691
CMYK	0.40, 0.00, 0.57, 0.22
HSL	102°, 50%, 55%
HSV	102°, 57%, 78%
XYZ	29.5608, 45.1644, 15.6226
YIQ	161.3830, -10.4900, -52.2020

Conversions

Conversions Part 2

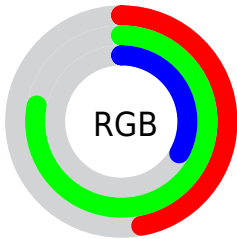
Format	Color
RYB	84, 198, 163
Decimal	7849556
CIELab	73.00, -44.86, 48.74
CIELCh	73, 66.244, 132.622
Yxy	45.1644, 0.3272, 0.4999
Android (android.graphics.Color)	4286039636 (0xFF77C654)
YUV	161.3830, -38.1498, -37.1699
Hunter-Lab	67.2044, -39.0921, 33.2603

Details

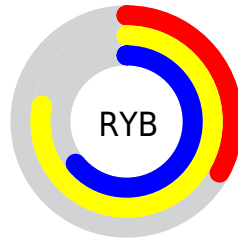
The CIELCh color **73, 66.244, 132.622** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **50, 69.036, 317.815**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 66.104, 132.717**, and **53, 65.867, 132.605** is the 20% darker color. If you saturate the color by 10%, you get **72, 75.963, 132.237**, and if you desaturate by 10%, it is **74, 55.534, 133.130**.

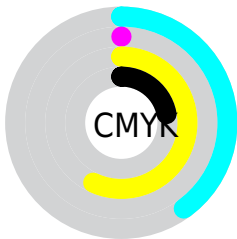
Distribution



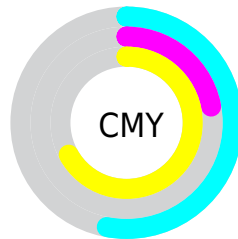
- Red (47%)
- Green (78%)
- Blue (33%)



- Red (33%)
- Yellow (78%)
- Blue (64%)



- Cyan (40%)
- Magenta (0%)
- Yellow (57%)
- Black (22%)





- Cyan (53%)
- Magenta (22%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 66.244, 132.622 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, 66.244, 132.622 by changing the saturation by 10% instead.


 73, 66.244,
132.622


 73, 66.244,
132.622


 100, 66.244,
132.622


 63, 66.244,
132.622


 93, 66.244,
132.622

 53, 66.244,
132.622

 43, 66.244,
132.622

 33, 66.244,
132.622

 23, 66.244,
132.622

 13, 66.244,
132.622

 3, 66.244, 132.622

0, 66.244, 132.622

73, 66.244,
132.622

73, 66.244,
132.622

72, 75.963,
132.237

74, 55.534,
133.130

72, 84.216,
132.087

75, 44.199,
133.679

71, 90.505,
132.298

76, 32.513,
134.224

71, 94.582,
132.925

77, 20.669,
134.737

71, 95.433,
133.081

79, 8.807, 135.213

80, 2.972, 315.548

82, 14.598,

315.961

■ 84, 26.023,
316.285

■ 85, 33.542,
319.493

Harmonies

Complementary

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



73, 66.244, 132.622



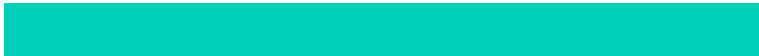
50, 69.036, 317.815

Rectangle

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



73, 66.244, 132.622



73, 66.244, 182.622



73, 66.244, 312.622



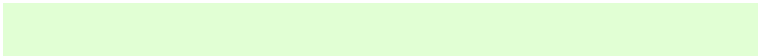
73, 66.244, 2.622

Sweetspot

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



73, 66.245, 132.623



97, 24.650, 134.748



68, 45.110, 84.822



51, 16.494, 134.646



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, 66.245, 132.623



90, 94.502, 132.171



72, 63.871, 144.569



41, 6.702, 135.124



59, 82.372, 132.896



11, 24.408, 137.280

Inverse Universe

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



50, 69.036, 317.815



57, 98.902, 318.033



54, 63.233, 333.715



39, 6.758, 315.880



30, 85.822, 317.228



3, 23.486, 313.642

Previews

White Background



This preview shows how the CIELCh color 73, 66.244, 132.622 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, 66.244, 132.622 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, 66.244, 132.622

Background



This preview shows how black text looks on a background with the CIELCh color 73, 66.244, 132.622.



This preview shows how white text looks on a background with the CIELCh color 73, 66.244, 132.622.

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](#).

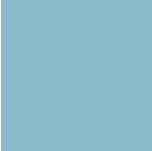
Dichromacy



Original Color
73, 66.244, 132.622

Protanopia
72, 52.736, 95.358

Deuteranopia
73, 47.429, 78.781



Tritanopia
73, 17.330, 226.599

Trichromacy



Original Color
73, 66.244, 132.622



Protanomaly
72, 54.447, 112.163



Deuteranomaly
72, 47.643, 103.883



Tritanomaly
73, 27.785, 158.653

Monochromacy



Original Color
73, 66.244, 132.622



Achromatopsia
67, 0.008, 296.813



Achromatomaly
68, 24.965, 134.136

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 66.244, 132.622 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(119, 198, 84)` looks like.

```
.text, #text, p{  
    color:rgb(119, 198, 84)  
}
```

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(119, 198, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 198, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 66.244, 132.622 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(119, 198, 84) }
```

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

```
.border{ border-color:rgb(119, 198, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 198, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 198, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 198, 84);  
box-shadow:4px 4px 4px 4px rgb(119, 198,  
84) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 66.244, 132.622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 198, 84) }
```

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

```
.background{ background-color: rgb(119,  
198, 84) }
```

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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