

Converting Colors

CIELCh(73, 74.662, 132.346)

Have a look what the booklet for
CIELCh(73, 74.662, 132.346)
contains.

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Color

CIELCh(73, 74.662, 132.346)

Conversions

Conversions Part 1

Format	Color
Hex	6DC845
RGB	109, 200, 69
RGB Percent	43%, 78%, 27%
CMY	0.5713, 0.2144, 0.7282
CMYK	0.45, 0.00, 0.65, 0.21
HSL	102°, 55%, 53%
HSV	102°, 65%, 79%
XYZ	28.1607, 45.1644, 12.9147
YIQ	157.8570, -12.1850, -60.0330

Conversions

Conversions Part 2

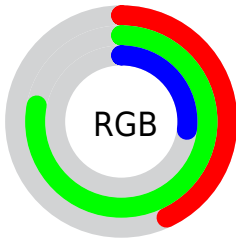
Format	Color
RYB	69, 200, 160
Decimal	7194693
CIELab	73.00, -50.29, 55.18
CIELCh	73, 74.662, 132.346
Yxy	45.1644, 0.3265, 0.5237
Android (android.graphics.Color)	4285384773 (0xFF6DC845)
YUV	157.8570, -43.8065, -42.8476
Hunter-Lab	67.2044, -42.8109, 35.6493

Details

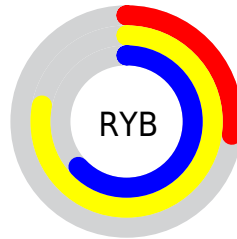
The CIELCh color **73, 74.662, 132.346** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **47, 78.017, 318.036**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 73.344, 132.324**, and **53, 74.557, 132.281** is the 20% darker color. If you saturate the color by 10%, you get **72, 83.326, 132.135**, and if you desaturate by 10%, it is **74, 64.624, 132.768**.

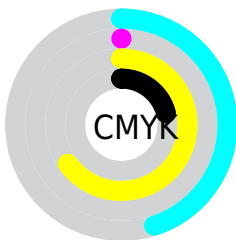
Distribution



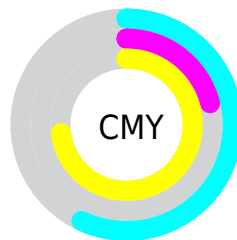
- Red (43%)
- Green (78%)
- Blue (27%)



- Red (27%)
- Yellow (78%)
- Blue (63%)



- Cyan (45%)
- Magenta (0%)
- Yellow (65%)
- Black (21%)





- Cyan (57%)
- Magenta (21%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 74.662, 132.346 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, 74.662, 132.346 by changing the saturation by 10% instead.


 73, 74.662,
132.346


 73, 74.662,
132.346


 100, 74.662,
132.346


 63, 74.662,
132.346


 93, 74.662,
132.346

 53, 74.662,
132.346

 43, 74.662,
132.346

 33, 74.662,
132.346

 23, 74.662,
132.346

 13, 74.662,
132.346

 3, 74.662, 132.346

0, 74.662, 132.346

73, 74.662,
132.346

73, 74.662,
132.346

72, 83.326,
132.135

74, 64.624,
132.768

72, 90.101,
132.260

75, 53.668,
133.292

71, 94.614,
132.818

76, 42.146,
133.845

71, 96.173,
133.121

77, 30.314,
134.386

78, 18.356,
134.892

80, 6.405, 135.365

■ 81, 5.446, 315.709

■ 83, 17.130,
316.088

■ 85, 28.602,
316.402

Harmonies

Complementary

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



73, 74.662, 132.346



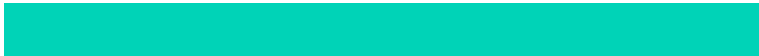
47, 78.017, 318.036

Rectangle

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



73, 74.662, 132.346



73, 74.662, 182.346



73, 74.662, 312.346



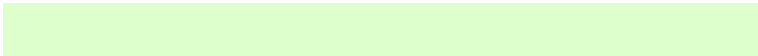
73, 74.662, 2.346

Sweetspot

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



73, 74.663, 132.347



96, 29.030, 134.649



68, 51.532, 83.641



51, 19.810, 134.504



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, 74.663, 132.347



90, 103.245, 132.135



72, 71.889, 143.442



41, 6.706, 135.178



59, 82.404, 132.929



11, 24.420, 137.320

Inverse Universe

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



47, 78.017, 318.036



54, 108.049, 318.050



52, 70.370, 334.290



39, 6.761, 315.935



30, 85.795, 317.282



3, 23.500, 313.716

Previews

White Background



This preview shows how the CIELCh color 73, 74.662, 132.346 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, 74.662, 132.346 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, 74.662, 132.346

Background



This preview shows how black text looks on a background with the CIELCh color 73, 74.662, 132.346.

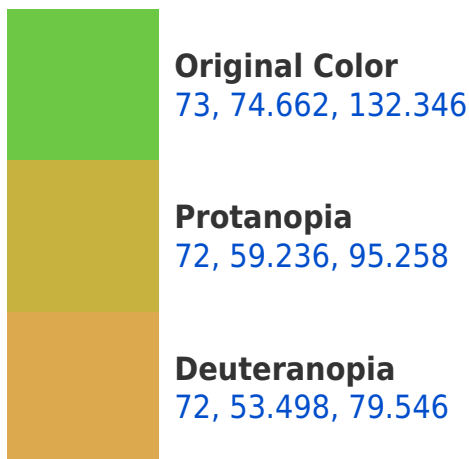


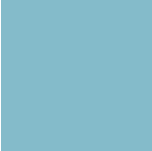
This preview shows how white text looks on a background with the CIELCh color 73, 74.662, 132.346.

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, 19.420, 223.180

Trichromacy



Original Color
73, 74.662, 132.346



Protanomaly
72, 61.442, 112.378



Deuteranomaly
71, 54.076, 104.807



Tritanomaly
72, 32.295, 157.357

Monochromacy



Original Color
73, 74.662, 132.346



Achromatopsia
65, 0.008, 296.813



Achromatomaly
67, 28.839, 134.539

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 74.662, 132.346 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(109, 200, 69)` looks like.

```
.text, #text, p{  
    color:rgb(109, 200, 69)  
}
```

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(109, 200, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 200, 69) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 74.662, 132.346 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(109, 200, 69) }
```

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

```
.border{ border-color:rgb(109, 200, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 200, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 200, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 200, 69);  
box-shadow:4px 4px 4px 4px rgb(109, 200,  
69) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 74.662, 132.346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 200, 69) }
```

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

```
.background{ background-color: rgb(109,  
200, 69) }
```

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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