

Converting Colors

CIELCh(72, 81.686, 144.920)

Have a look what the booklet for
CIELCh(72, 81.686, 144.920)
contains.

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Color

CIELCh(72, 82.027, 144.821)

Conversions

Conversions Part 1

Format	Color
Hex	06CC54
RGB	6, 204, 84
RGB Percent	2%, 80%, 33%
CMY	0.9769, 0.2016, 0.6721
CMYK	0.97, 0.00, 0.59, 0.20
HSL	144°, 94%, 41%
HSV	144°, 97%, 80%
XYZ	23.1525, 43.6590, 15.5164
YIQ	131.1180, -79.4880, -79.2960

Conversions

Conversions Part 2

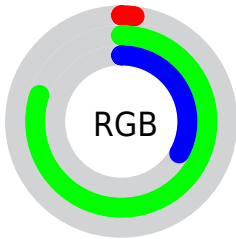
Format	Color
RYB	6, 148, 204
Decimal	445524
CIELab	72.00, -67.05, 47.26
CIELCh	72, 82.027, 144.821
Yxy	43.6590, 0.2812, 0.5303
Android (android.graphics.Color)	4278635604 (0xFF06CC54)
YUV	131.1180, -23.2292, -109.7285
Hunter-Lab	66.0750, -53.0852, 32.3294

Details

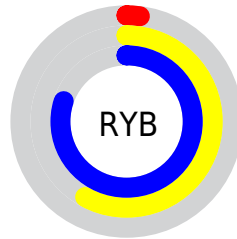
The CIELCh color **72, 82.027, 144.821** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **45, 73.727, 351.706**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 78.343, 145.442**, and **53, 74.181, 139.077** is the 20% darker color. If you saturate the color by 10%, you get **72, 83.468, 144.230**, and if you desaturate by 10%, it is **72, 76.670, 146.949**.

Distribution



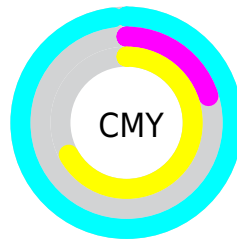
- Red (2%)
- Green (80%)
- Blue (33%)



- Red (2%)
- Yellow (58%)
- Blue (80%)



- Cyan (97%)
- Magenta (0%)
- Yellow (59%)
- Black (20%)





- Cyan (98%)
- Magenta (20%)
- Yellow (67%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 82.027, 144.821 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, 82.027, 144.821 by changing the saturation by 10% instead.


 72, 82.027,
144.821


 72, 82.027,
144.821


 100, 82.027,
144.821


 62, 82.027,
144.821


 92, 82.027,
144.821

 52, 82.027,
144.821

 42, 82.027,
144.821

 32, 82.027,
144.821

 22, 82.027,
144.821

 12, 82.027,
144.821

 2, 82.027, 144.821

■ 0, 82.027, 144.821

■ 72, 82.027,
144.821

■ 72, 82.027,
144.821

■ 72, 83.468,
144.230

■ 72, 76.670,
146.949

■ 73, 70.371,
148.938

■ 73, 63.125,
150.735

■ 74, 55.019,
152.330

■ 75, 46.191,
153.730

■ 76, 36.814,
154.954

■ 77, 27.063,
156.028

■ 79, 17.105,
156.975

■ 81, 7.085, 157.835

Harmonies

Complementary

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



72, 82.027, 144.821



45, 73.727, 351.706

Rectangle

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



72, 82.027, 144.821



72, 82.027, 194.821



72, 82.027, 324.821



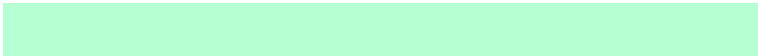
72, 82.027, 14.821

Sweetspot

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



72, 82.027, 144.821



94, 34.728, 155.795



75, 87.789, 123.453



50, 23.767, 155.335



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, 82.027, 144.821



88, 99.584, 143.921



74, 47.031, 180.460



42, 5.673, 157.640



59, 71.093, 144.577



12, 23.196, 151.192

Inverse Universe

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



45, 73.727, 351.706



56, 87.354, 352.980



43, 81.413, 34.102



40, 5.718, 338.979



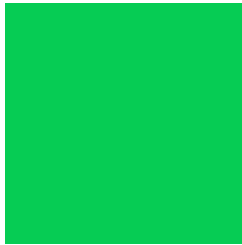
36, 63.590, 352.042



4, 21.214, 346.697

Previews

White Background



This preview shows how the CIELCh color 72, 82.027, 144.821 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, 82.027, 144.821 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, 82.027, 144.821

Background



This preview shows how black text looks on a background with the CIELCh color 72, 82.027, 144.821.



This preview shows how white text looks on a background with the CIELCh color 72, 82.027, 144.821.

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

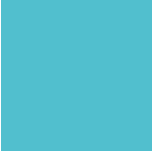
72, 82.082, 144.858

Protanopia

71, 52.805, 95.256

Deuteranopia

71, 44.824, 78.557



Tritanopia
72, 31.656, 212.332

Trichromacy



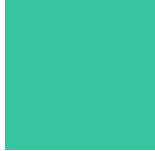
Original Color
72, 82.082, 144.858



Protanomaly
69, 60.407, 128.275



Deuteranomaly
69, 50.520, 125.576



Tritanomaly
71, 45.959, 171.365

Monochromacy



Original Color
72, 82.082, 144.858



Achromatopsia
55, 0.007, 296.813



Achromatomaly
59, 35.988, 154.132

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 82.027, 144.821 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(6, 204, 84)` looks like.

```
.text, #text, p{  
    color:rgb(6, 204, 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(6, 204, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 204, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 82.027, 144.821 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(6, 204, 84) }
```

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

```
.border{ border-color:rgb(6, 204, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 204, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 204, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 204, 84);  
box-shadow:4px 4px 4px 4px rgb(6, 204, 84)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 72, 82.027, 144.821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 204, 84) }
```

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

```
.background{ background-color: rgb(6, 204,  
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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