

Converting Colors

CIELCh(72, 73.462, 150.337)

Have a look what the booklet for
CIELCh(72, 73.462, 150.337)
contains.

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Color

CIELCh(72, 73.506, 150.125)

Conversions

Conversions Part 1

Format	Color
Hex	00CB6A
RGB	0, 203, 106
RGB Percent	0%, 80%, 42%
CMY	1.0000, 0.2046, 0.5849
CMYK	1.00, 0.00, 0.48, 0.20
HSL	151°, 100%, 40%
HSV	151°, 100%, 80%
XYZ	23.8960, 43.6590, 20.7592
YIQ	131.2450, -89.8510, -73.2030

Conversions

Conversions Part 2

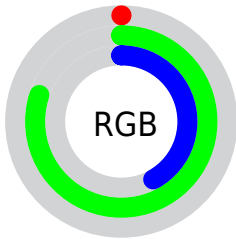
Format	Color
RYB	0, 133, 203
Decimal	52074
CIELab	72.00, -63.74, 36.61
CIELCh	72, 73.506, 150.125
Yxy	43.6590, 0.2706, 0.4944
Android (android.graphics.Color)	4278242154 (0xFF00CB6A)
YUV	131.2450, -12.4458, -115.1019
Hunter-Lab	66.0750, -51.0768, 27.6250

Details

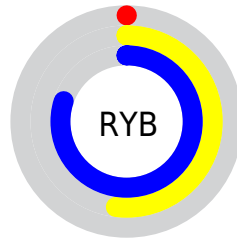
The CIELCh color **72, 73.506, 150.125** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **44, 71.111, 4.405**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 70.203, 151.002**, and **53, 65.442, 144.338** is the 20% darker color. If you saturate the color by 10%, you get **72, 73.482, 150.109**, and if you desaturate by 10%, it is **72, 69.054, 152.343**.

Distribution



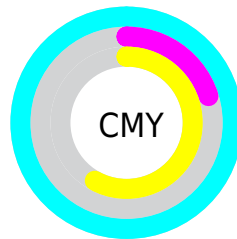
- Red (0%)
- Green (80%)
- Blue (42%)



- Red (0%)
- Yellow (52%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (48%)
- Black (20%)





- Cyan (100%)
- Magenta (20%)
- Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 73.506, 150.125 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, 73.506, 150.125 by changing the saturation by 10% instead.


 72, 73.506,
150.125


 72, 73.506,
150.125


 100, 73.506,
150.125


 62, 73.506,
150.125


 92, 73.506,
150.125

 52, 73.506,
150.125

 42, 73.506,
150.125

 32, 73.506,
150.125

 22, 73.506,
150.125

 12, 73.506,
150.125

 2, 73.506, 150.125

■ 0, 73.506, 150.125

■ 72, 73.506,
150.125

■ 72, 73.506,
150.125

■ 72, 73.482,
150.109

■ 72, 69.054,
152.343

■ 73, 63.926,
154.454

■ 73, 57.956,
156.355

■ 74, 51.165,
158.046

■ 75, 43.643,
159.540

■ 76, 35.522,
160.860

■ 77, 26.952,
162.032

■ 78, 18.086,
163.081

■ 80, 9.060, 164.040

Harmonies

Complementary

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



72, 73.506, 150.125



44, 71.111, 4.405

Rectangle

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



72, 73.506, 150.125



72, 73.506, 200.125



72, 73.506, 330.125



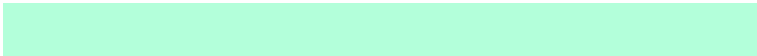
72, 73.506, 20.125

Sweetspot

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



72, 73.482, 150.109



94, 32.444, 161.987



73, 92.395, 128.688



50, 22.038, 161.501



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, 73.482, 150.109



89, 87.911, 149.774



73, 41.187, 199.029



42, 5.163, 164.097



60, 62.787, 150.472



12, 20.910, 156.354

Inverse Universe

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



44, 71.111, 4.405



55, 84.458, 5.084



42, 87.784, 40.156



40, 5.235, 345.594



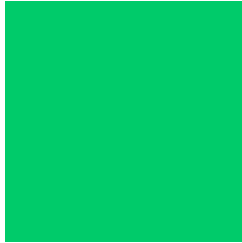
35, 61.246, 3.685



4, 19.710, 354.883

Previews

White Background



This preview shows how the CIELCh color 72, 73.506, 150.125 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, 73.506, 150.125 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, 73.506, 150.125

Background



This preview shows how black text looks on a background with the CIELCh color 72, 73.506, 150.125.

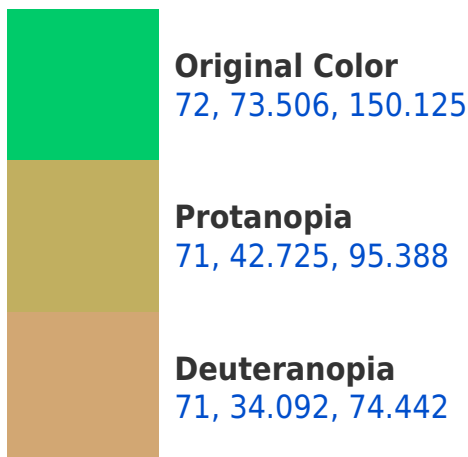


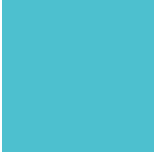
This preview shows how white text looks on a background with the CIELCh color 72, 73.506, 150.125.

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



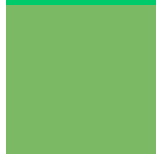


Tritanopia
72, 32.531, 211.851

Trichromacy



Original Color
72, 73.506, 150.125



Protanomaly
69, 51.433, 134.280



Deuteranomaly
69, 40.961, 133.178



Tritanomaly
72, 43.822, 177.134

Monochromacy



Original Color
72, 73.506, 150.125



Achromatopsia
55, 0.007, 296.813



Achromatomaly
59, 33.486, 160.331

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 73.506, 150.125 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(0, 203, 106)` looks like.

```
.text, #text, p{  
    color:rgb(0, 203, 106)  
}
```

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(0, 203, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 203, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 73.506, 150.125 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(0, 203, 106) }
```

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

```
.border{ border-color:rgb(0, 203, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 203, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 203, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 203, 106);  
box-shadow:4px 4px 4px 4px rgb(0, 203,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 73.506, 150.125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 203, 106) }
```

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

```
.background{ background-color: rgb(0, 203,  
106) }
```

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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