

Converting Colors

CIELCh(72, 76.189, 148.173)

Have a look what the booklet for
CIELCh(72, 76.189, 148.173)
contains.

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Color

CIELCh(72, 76.023, 148.263)

Conversions

Conversions Part 1

Format	Color
Hex	06CB63
RGB	6, 203, 99
RGB Percent	2%, 80%, 39%
CMY	0.9761, 0.2039, 0.6117
CMYK	0.97, 0.00, 0.51, 0.20
HSL	148°, 94%, 41%
HSV	148°, 97%, 80%
XYZ	23.6882, 43.6590, 18.9859
YIQ	132.2410, -84.0280, -74.1080

Conversions

Conversions Part 2

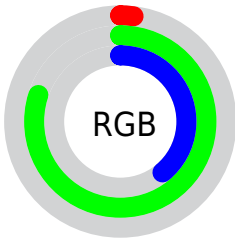
Format	Color
RYB	6, 140, 203
Decimal	445283
CIELab	72.00, -64.66, 39.99
CIELCh	72, 76.023, 148.263
Yxy	43.6590, 0.2744, 0.5057
Android (android.graphics.Color)	4278635363 (0xFF06CB63)
YUV	132.2410, -16.3878, -110.7134
Hunter-Lab	66.0750, -51.6381, 29.2162

Details

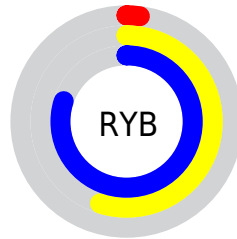
The CIELCh color **72, 76.023, 148.263** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **44, 71.430, 358.522**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 72.579, 148.953**, and **53, 68.014, 142.615** is the 20% darker color. If you saturate the color by 10%, you get **72, 77.415, 147.617**, and if you desaturate by 10%, it is **72, 71.091, 150.472**.

Distribution



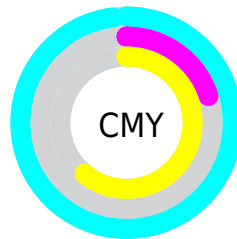
- Red (2%)
- Green (80%)
- Blue (39%)



- Red (2%)
- Yellow (55%)
- Blue (80%)



- Cyan (97%)
- Magenta (0%)
- Yellow (51%)
- Black (20%)





- Cyan (98%)
- Magenta (20%)
- Yellow (61%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 76.023, 148.263 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, 76.023, 148.263 by changing the saturation by 10% instead.


 72, 76.023,
148.263


 72, 76.023,
148.263


 100, 76.023,
148.263


 62, 76.023,
148.263


 92, 76.023,
148.263

 52, 76.023,
148.263

 42, 76.023,
148.263

 32, 76.023,
148.263

 22, 76.023,
148.263

 12, 76.023,
148.263

 2, 76.023, 148.263

■ 0, 76.023, 148.263

■ 72, 76.023,
148.263

■ 72, 76.023,
148.263

■ 72, 77.415,
147.617

■ 72, 71.091,
150.472

■ 73, 65.322,
152.510

■ 73, 58.682,
154.341

■ 74, 51.229,
155.962

■ 75, 43.079,
157.390

■ 76, 34.381,
158.647

■ 77, 25.299,
159.759

■ 79, 15.984,
160.750

■ 80, 6.574, 161.664

Harmonies

Complementary

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



72, 76.023, 148.263



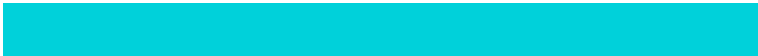
44, 71.430, 358.522

Rectangle

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



72, 76.023, 148.263



72, 76.023, 198.263



72, 76.023, 328.263



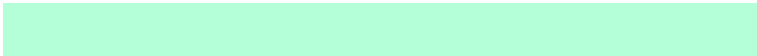
72, 76.023, 18.263

Sweetspot

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



72, 76.023, 148.263



94, 32.647, 159.505



74, 89.988, 126.684



50, 22.323, 159.028



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, 76.023, 148.263



88, 92.564, 147.287



74, 43.131, 191.507



42, 5.353, 161.446



60, 66.084, 147.976



12, 21.836, 154.084

Inverse Universe

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



44, 71.430, 358.522



55, 85.048, 0.226



43, 85.132, 38.093



40, 5.414, 342.883



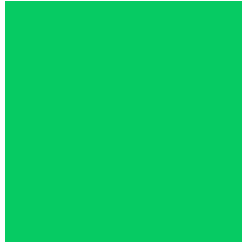
36, 61.798, 359.000



4, 20.216, 351.759

Previews

White Background



This preview shows how the CIELCh color 72, 76.023, 148.263 looks on a white background.

Color Contrast Check

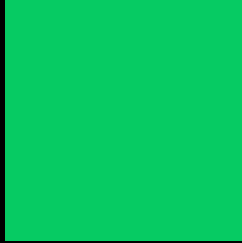
Large Text (above 18pt) WCAG AA × Fail

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, 76.023, 148.263 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, 76.023, 148.263

Background



This preview shows how black text looks on a background with the CIELCh color 72, 76.023, 148.263.

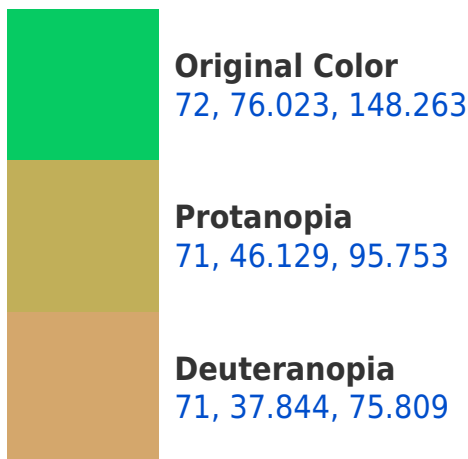


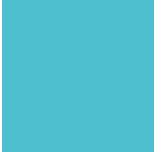
This preview shows how white text looks on a background with the CIELCh color 72, 76.023, 148.263.

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, 32.189, 213.076

Trichromacy



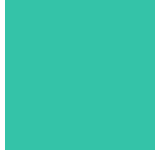
Original Color
72, 76.023, 148.263



Protanomaly
69, 54.161, 131.812



Deuteranomaly
69, 43.725, 129.676



Tritanomaly
71, 43.585, 176.258

Monochromacy



Original Color
72, 76.023, 148.263



Achromatopsia
55, 0.007, 296.813



Achromatomaly
60, 34.166, 157.705

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 76.023, 148.263 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, 203, 99)` looks like.

```
.text, #text, p{  
    color:rgb(6, 203, 99)  
}
```

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, 203, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 203, 99) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 76.023, 148.263 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, 203, 99) }
```

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

```
.border{ border-color:rgb(6, 203, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 203, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 203, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 203, 99);  
box-shadow:4px 4px 4px 4px rgb(6, 203, 99)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 72, 76.023, 148.263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 203, 99) }
```

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

```
.background{ background-color: rgb(6, 203,  
99) }
```

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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