

Converting Colors

CIELCh(72, 76.682, 148.160)

Have a look what the booklet for
CIELCh(72, 76.682, 148.160)
contains.

CIELCh(72, 76.571, 148.136)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(72, 76.571, 148.136)

Conversions

Conversions Part 1

Format	Color
Hex	01CB62
RGB	1, 203, 98
RGB Percent	0%, 80%, 38%
CMY	0.9975, 0.2034, 0.6152
CMYK	1.00, 0.00, 0.52, 0.20
HSL	149°, 99%, 40%
HSV	149°, 100%, 80%
XYZ	23.6032, 43.6590, 18.7663
YIQ	130.6320, -86.6870, -75.4790

Conversions

Conversions Part 2

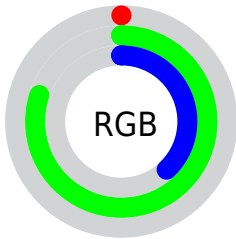
Format	Color
RYB	1, 137, 203
Decimal	117602
CIELab	72.00, -65.03, 40.42
CIELCh	72, 76.571, 148.136
Yxy	43.6590, 0.2744, 0.5075
Android (android.graphics.Color)	4278307682 (0xFF01CB62)
YUV	130.6320, -16.0876, -113.6873
Hunter-Lab	66.0750, -51.8676, 29.4132

Details

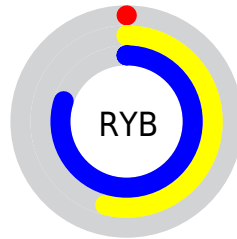
The CIELCh color **72, 76.571, 148.136** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **44, 71.570, 0.417**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 73.117, 148.811**, and **53, 68.368, 142.386** is the 20% darker color. If you saturate the color by 10%, you get **72, 76.713, 148.070**, and if you desaturate by 10%, it is **72, 71.852, 150.352**.

Distribution



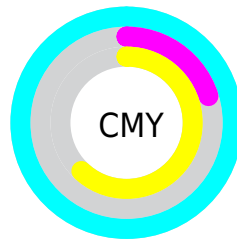
- Red (0%)
- Green (80%)
- Blue (38%)



- Red (0%)
- Yellow (54%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (52%)
- Black (20%)





- Cyan (100%)
- Magenta (20%)
- Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 76.571, 148.136 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, 76.571, 148.136 by changing the saturation by 10% instead.


 72, 76.571,
148.136


 72, 76.571,
148.136


 100, 76.571,
148.136


 62, 76.571,
148.136


 92, 76.571,
148.136

 52, 76.571,
148.136

 42, 76.571,
148.136

 32, 76.571,
148.136

 22, 76.571,
148.136

 12, 76.571,
148.136

 2, 76.571, 148.136

■ 0, 76.571, 148.136

■ 72, 76.571,
148.136

■ 72, 76.571,
148.136

■ 72, 76.713,
148.070

■ 72, 71.852,
150.352

■ 73, 66.385,
152.447

■ 73, 60.050,
154.337

■ 74, 52.883,
156.016

■ 75, 44.985,
157.497

■ 76, 36.496,
158.801

■ 77, 27.576,
159.953

■ 78, 18.380,
160.979

■ 80, 9.050, 161.912

Harmonies

Complementary

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



72, 76.571, 148.136



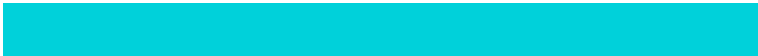
44, 71.570, 0.417

Rectangle

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



72, 76.571, 148.136



72, 76.571, 198.136



72, 76.571, 328.136



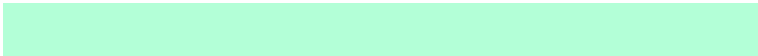
72, 76.571, 18.136

Sweetspot

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



72, 76.571, 148.136



94, 33.495, 159.876



74, 90.904, 126.972



50, 22.765, 159.396



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, 76.571, 148.136



88, 91.683, 147.741



74, 43.340, 191.382



42, 5.316, 161.938



60, 65.459, 148.431



12, 21.662, 154.489

Inverse Universe

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



44, 71.570, 0.417



55, 84.881, 1.142



42, 86.528, 38.730



40, 5.378, 343.387



36, 61.655, 359.882



4, 20.112, 352.363

Previews

White Background



This preview shows how the CIE LCh color 72, 76.571, 148.136 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, 76.571, 148.136 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, 76.571, 148.136

Background



This preview shows how black text looks on a background with the CIELCh color 72, 76.571, 148.136.

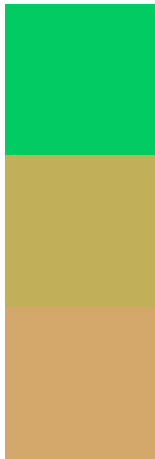


This preview shows how white text looks on a background with the CIELCh color 72, 76.571, 148.136.

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](#).

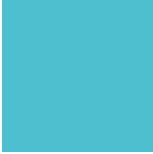
Dichromacy



Original Color
72, 76.543, 148.117

Protanopia
71, 46.129, 95.753

Deuteranopia
71, 38.309, 76.130



Tritanopia
72, 32.189, 213.076

Trichromacy



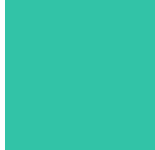
Original Color
72, 76.543, 148.117



Protanomaly
69, 54.949, 132.223



Deuteranomaly
69, 44.526, 130.272



Tritanomaly
71, 44.121, 175.716

Monochromacy



Original Color
72, 76.543, 148.117



Achromatopsia
55, 0.007, 296.813



Achromatomaly
59, 34.424, 157.948

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 76.571, 148.136 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(1, 203, 98)` looks like.

```
.text, #text, p{  
    color:rgb(1, 203, 98)  
}
```

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(1, 203, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 203, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 76.571, 148.136 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(1, 203, 98) }
```

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

```
.border{ border-color:rgb(1, 203, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 203, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 203, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 203, 98);  
box-shadow:4px 4px 4px 4px rgb(1, 203, 98)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 72, 76.571, 148.136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 203, 98) }
```

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

```
.background{ background-color: rgb(1, 203,  
98) }
```

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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