

Converting Colors

CIELCh(72, 79.307, 146.649)

Have a look what the booklet for
CIELCh(72, 79.307, 146.649)
contains.

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Color

CIELCh(72, 79.207, 146.536)

Conversions

Conversions Part 1

Format	Color
Hex	02CB5B
RGB	2, 203, 91
RGB Percent	1%, 80%, 36%
CMY	0.9928, 0.2025, 0.6418
CMYK	0.99, 0.00, 0.55, 0.20
HSL	147°, 98%, 40%
HSV	147°, 99%, 80%
XYZ	23.3686, 43.6590, 17.1682
YIQ	130.1330, -83.8440, -77.4440

Conversions

Conversions Part 2

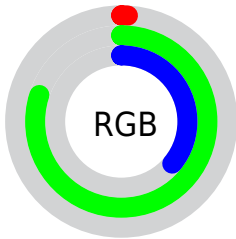
Format	Color
RYB	2, 141, 203
Decimal	183131
CIELab	72.00, -66.08, 43.68
CIELCh	72, 79.207, 146.536
Yxy	43.6590, 0.2776, 0.5185
Android (android.graphics.Color)	4278373211 (0xFF02CB5B)
YUV	130.1330, -19.2926, -112.3726
Hunter-Lab	66.0750, -52.5016, 30.8472

Details

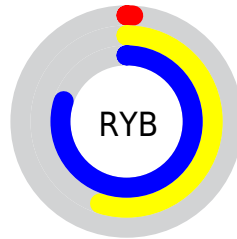
The CIELCh color **72, 79.207, 146.536** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **44, 72.306, 356.757**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 75.807, 147.124**, and **53, 71.063, 140.701** is the 20% darker color. If you saturate the color by 10%, you get **72, 79.636, 146.348**, and if you desaturate by 10%, it is **72, 74.234, 148.723**.

Distribution



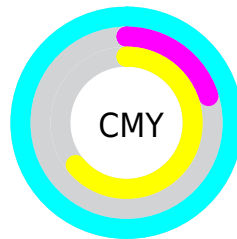
- Red (1%)
- Green (80%)
- Blue (36%)



- Red (1%)
- Yellow (55%)
- Blue (80%)



- Cyan (99%)
- Magenta (0%)
- Yellow (55%)
- Black (20%)





- Cyan (99%)
- Magenta (20%)
- Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 79.207, 146.536 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, 79.207, 146.536 by changing the saturation by 10% instead.


 72, 79.207,
146.536

 72, 79.207,
146.536


 100, 79.207,
146.536


 62, 79.207,
146.536


 92, 79.207,
146.536

 52, 79.207,
146.536

 42, 79.207,
146.536

 32, 79.207,
146.536

 22, 79.207,
146.536

 12, 79.207,
146.536

 2, 79.207, 146.536

■ 0, 79.207, 146.536

■ 72, 79.207,
146.536

■ 72, 79.207,
146.536

■ 72, 79.636,
146.348

■ 72, 74.234,
148.723

■ 73, 68.448,
150.789

■ 73, 61.765,
152.654

■ 74, 54.235,
154.310

■ 75, 45.972,
155.769

■ 76, 37.129,
157.049

■ 77, 27.873,
158.176

■ 79, 18.363,
159.175

■ 80, 8.743, 160.080

Harmonies

Complementary

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



72, 79.207, 146.536



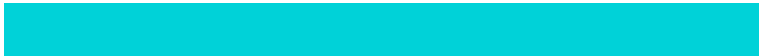
44, 72.306, 356.757

Rectangle

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



72, 79.207, 146.536



72, 79.207, 196.536



72, 79.207, 326.536



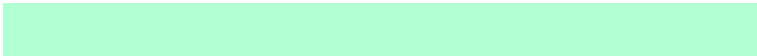
72, 79.207, 16.536

Sweetspot

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



72, 79.207, 146.536



94, 34.496, 158.038



74, 89.797, 125.678



50, 23.457, 157.566



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, 79.207, 146.536



88, 95.093, 146.026



74, 44.728, 186.702



42, 5.463, 160.054



60, 67.883, 146.706



12, 22.331, 152.977

Inverse Universe

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



44, 72.306, 356.757



55, 85.678, 357.602



42, 84.975, 37.377



40, 5.518, 341.456



36, 62.307, 356.477



4, 20.539, 349.988

Previews

White Background



This preview shows how the CIELCh color 72, 79.207, 146.536 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, 79.207, 146.536 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, 79.207, 146.536

Background



This preview shows how black text looks on a background with the CIELCh color 72, 79.207, 146.536.

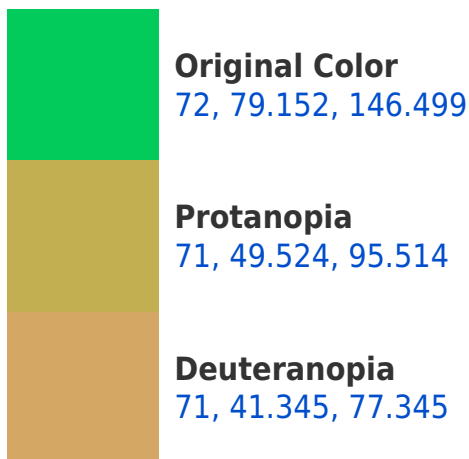


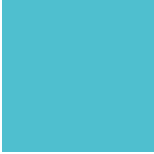
This preview shows how white text looks on a background with the CIELCh color 72, 79.207, 146.536.

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, 32.022, 213.171

Trichromacy



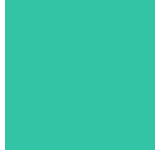
Original Color
72, 79.152, 146.499



Protanomaly
69, 57.794, 130.314



Deuteranomaly
69, 47.614, 128.001



Tritanomaly
71, 44.602, 174.416

Monochromacy



Original Color
72, 79.152, 146.499



Achromatopsia
54, 0.007, 296.813



Achromatomaly
59, 35.852, 156.237

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 79.207, 146.536 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(2, 203, 91)` looks like.

```
.text, #text, p{  
    color:rgb(2, 203, 91)  
}
```

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(2, 203, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 203, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 79.207, 146.536 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(2, 203, 91) }
```

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

```
.border{ border-color:rgb(2, 203, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 203, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 203, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 203, 91);  
box-shadow:4px 4px 4px 4px rgb(2, 203, 91)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 72, 79.207, 146.536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 203, 91) }
```

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

```
.background{ background-color: rgb(2, 203,  
91) }
```

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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