

Converting Colors

CIELCh(72, 78.178, 147.323)

Have a look what the booklet for
CIELCh(72, 78.178, 147.323)
contains.

CIELCh(72, 78.084, 147.206)	3
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Color

CIELCh(72, 78.084, 147.206)

Conversions

Conversions Part 1

Format	Color
Hex	01CB5E
RGB	1, 203, 94
RGB Percent	0%, 80%, 37%
CMY	0.9948, 0.2029, 0.6304
CMYK	0.99, 0.00, 0.54, 0.20
HSL	148°, 99%, 40%
HSV	148°, 99%, 80%
XYZ	23.4667, 43.6590, 17.8364
YIQ	130.1760, -85.4030, -76.7230

Conversions

Conversions Part 2

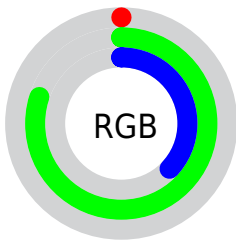
Format	Color
RYB	1, 139, 203
Decimal	117598
CIELab	72.00, -65.64, 42.29
CIELCh	72, 78.084, 147.206
Yxy	43.6590, 0.2762, 0.5139
Android (android.graphics.Color)	4278307678 (0xFF01CB5E)
YUV	130.1760, -17.8348, -113.2874
Hunter-Lab	66.0750, -52.2365, 30.2477

Details

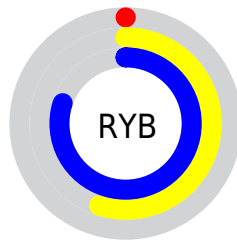
The CIELCh color **72, 78.084, 147.206** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **44, 71.949, 358.304**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 74.654, 147.833**, and **53, 70.083, 141.302** is the 20% darker color. If you saturate the color by 10%, you get **72, 78.391, 147.069**, and if you desaturate by 10%, it is **72, 73.216, 149.407**.

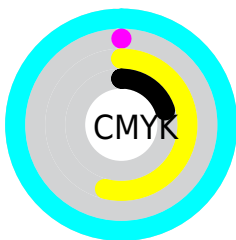
Distribution



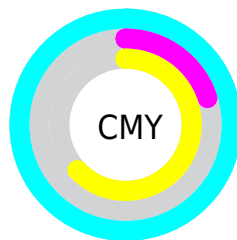
- Red (0%)
- Green (80%)
- Blue (37%)



- Red (0%)
- Yellow (55%)
- Blue (80%)



- Cyan (99%)
- Magenta (0%)
- Yellow (54%)
- Black (20%)





- Cyan (99%)
- Magenta (20%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 78.084, 147.206 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, 78.084, 147.206 by changing the saturation by 10% instead.


 72, 78.084,
147.206

 72, 78.084,
147.206


 100, 78.084,
147.206


 62, 78.084,
147.206


 92, 78.084,
147.206

 52, 78.084,
147.206

 42, 78.084,
147.206

 32, 78.084,
147.206

 22, 78.084,
147.206

 12, 78.084,
147.206

 2, 78.084, 147.206

■ 0, 78.084, 147.206

■ 72, 78.084,
147.206

■ 72, 78.084,
147.206

■ 72, 78.391,
147.069

■ 72, 73.216,
149.407

■ 73, 67.564,
151.486

■ 73, 61.028,
153.363

■ 74, 53.652,
155.030

■ 75, 45.545,
156.498

■ 76, 36.853,
157.789

■ 77, 27.741,
158.927

■ 79, 18.366,
159.937

■ 80, 8.871, 160.854

Harmonies

Complementary

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



72, 78.084, 147.206



44, 71.949, 358.304

Rectangle

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



72, 78.084, 147.206



72, 78.084, 197.206



72, 78.084, 327.206



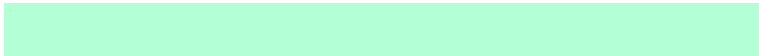
72, 78.084, 17.206

Sweetspot

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



72, 78.084, 147.206



94, 34.063, 158.813



74, 90.340, 126.331



50, 23.158, 158.338



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

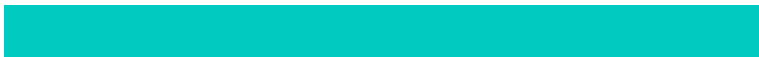
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72, 78.084, 147.206



88, 93.641, 146.743



74, 44.005, 189.003



42, 5.399, 160.849



60, 66.850, 147.428



12, 22.047, 153.603

Inverse Universe

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



44, 71.949, 358.304



55, 85.289, 359.106



42, 85.766, 38.085



40, 5.457, 342.272



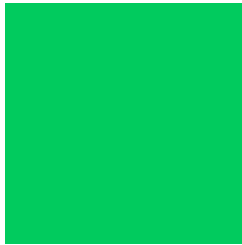
36, 61.996, 357.923



4, 20.349, 351.011

Previews

White Background



This preview shows how the CIELCh color 72, 78.084, 147.206 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, 78.084, 147.206 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, 78.084, 147.206

Background



This preview shows how black text looks on a background with the CIELCh color 72, 78.084, 147.206.



This preview shows how white text looks on a background with the CIELCh color 72, 78.084, 147.206.

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, 78.056, 147.188

Protanopia
71, 48.119, 95.398

Deuteranopia
71, 39.949, 76.505



Tritanopia
72, 32.022, 213.171

Trichromacy



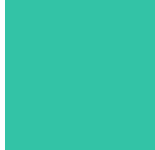
Original Color
72, 78.056, 147.188



Protanomaly
69, 56.508, 130.972



Deuteranomaly
69, 46.224, 128.759



Tritanomaly
71, 44.299, 175.038

Monochromacy



Original Color
72, 78.056, 147.188



Achromatopsia
54, 0.007, 296.813



Achromatomaly
59, 35.450, 156.884

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 78.084, 147.206 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, 94)` looks like.

```
.text, #text, p{  
    color:rgb(1, 203, 94)  
}
```

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, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 203, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 78.084, 147.206 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, 94) }
```

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

```
.border{ border-color:rgb(1, 203, 94) }
```

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, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 203, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 203, 94);  
box-shadow:4px 4px 4px 4px rgb(1, 203, 94)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 72, 78.084, 147.206 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, 94) }
```

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

```
.background{ background-color: rgb(1, 203,  
94) }
```

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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