

Converting Colors

CIELCh(73, 76.620, 139.208)

Have a look what the booklet for
CIELCh(73, 76.620, 139.208)
contains.

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Color

CIELCh(73, 76.271, 139.231)

Conversions

Conversions Part 1

Format	Color
Hex	51CB51
RGB	81, 203, 81
RGB Percent	32%, 80%, 32%
CMY	0.6814, 0.2031, 0.6816
CMYK	0.60, 0.00, 0.60, 0.20
HSL	120°, 54%, 56%
HSV	120°, 60%, 80%
XYZ	26.3093, 45.1644, 15.1525
YIQ	152.6140, -33.5500, -63.8060

Conversions

Conversions Part 2

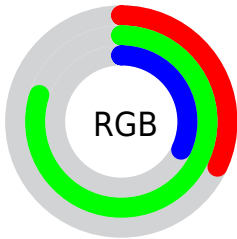
Format	Color
RYB	81, 203, 203
Decimal	5360465
CIELab	73.00, -57.76, 49.81
CIELCh	73, 76.271, 139.231
Yxy	45.1644, 0.3037, 0.5214
Android (android.graphics.Color)	4283550545 (0xFF51CB51)
YUV	152.6140, -35.3057, -62.8055
Hunter-Lab	67.2044, -47.7283, 33.6751

Details

The CIELCh color **73, 76.271, 139.231** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **55, 75.465, 327.430**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 73.075, 139.205**, and **53, 75.464, 138.354** is the 20% darker color. If you saturate the color by 10%, you get **72, 85.889, 138.111**, and if you desaturate by 10%, it is **74, 65.089, 140.356**.

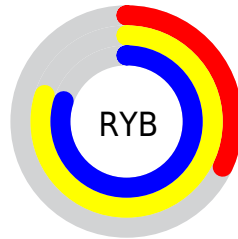
Distribution



Red (32%)

Green (80%)

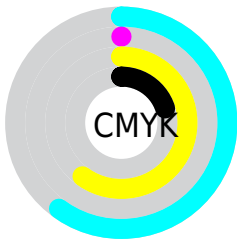
Blue (32%)



Red (32%)

Yellow (80%)

Blue (80%)

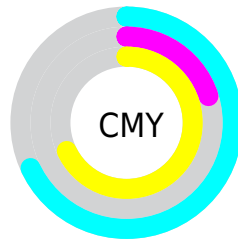


Cyan (60%)

Magenta (0%)

Yellow (60%)

Black (20%)



Cyan (68%)


Magenta (20%)


Yellow (68%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 76.271, 139.231 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 73, 76.271, 139.231 by changing the saturation by 10% instead.


 73, 76.271,
139.231


 73, 76.271,
139.231


 100, 76.271,
139.231


 63, 76.271,
139.231


 93, 76.271,
139.231

 53, 76.271,
139.231

 43, 76.271,
139.231

 33, 76.271,
139.231

 23, 76.271,
139.231

 13, 76.271,
139.231

 3, 76.271, 139.231

■ 0, 76.271, 139.231

■ 73, 76.271,
139.231

■ 73, 76.271,
139.231

■ 72, 85.889,
138.111

■ 74, 65.089,
140.356

■ 72, 93.406,
137.121

■ 75, 52.829,
141.405

■ 72, 98.361,
136.407

■ 76, 39.903,
142.341

■ 71, 100.943,
136.015

■ 78, 26.639,
143.156

■ 80, 13.292,
143.861

■ 82, 0.051, 149.579

■ 84, 12.951,
324.908

■ 86, 25.626,
325.339

■ 88, 32.481,
325.555

Harmonies

Complementary

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



73, 76.271, 139.231



55, 75.465, 327.430

Rectangle

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



73, 76.271, 139.231



73, 76.271, 189.231



73, 76.271, 319.231



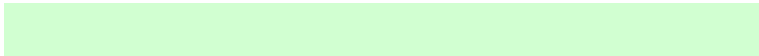
73, 76.271, 9.231

Sweetspot

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



73, 76.272, 139.232



96, 28.748, 143.291



79, 60.272, 103.841



51, 19.989, 143.069



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 76.272, 139.232



89, 104.796, 137.803



74, 53.077, 156.055



42, 7.526, 143.903



59, 86.760, 136.014



12, 28.686, 142.907

Inverse Universe

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



55, 75.465, 327.430



64, 102.725, 327.837



53, 55.666, 349.582



40, 7.537, 324.925



39, 83.712, 328.220



5, 29.039, 327.485

Previews

White Background



This preview shows how the CIELCh color 73, 76.271, 139.231 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 73, 76.271, 139.231 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 73, 76.271, 139.231

Background



This preview shows how black text looks on a background with the CIELCh color 73, 76.271, 139.231.

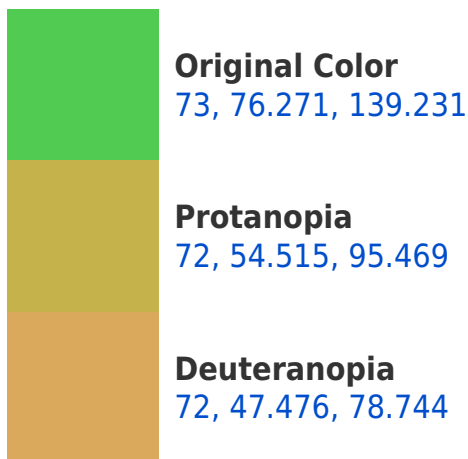


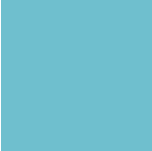
This preview shows how white text looks on a background with the CIELCh color 73, 76.271, 139.231.

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
73, 25.574, 216.432

Trichromacy



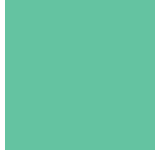
Original Color
73, 76.271, 139.231



Protanomaly
72, 57.813, 117.877



Deuteranomaly
71, 49.350, 111.800



Tritanomaly
72, 37.250, 166.819

Monochromacy



Original Color
73, 76.271, 139.231



Achromatopsia
63, 0.008, 296.813



Achromatomaly
66, 29.727, 142.740

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 76.271, 139.231 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(81, 203, 81)` looks like.

```
.text, #text, p{  
    color:rgb(81, 203, 81)  
}
```

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(81, 203, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 203, 81) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 76.271, 139.231 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(81, 203, 81) }
```

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

```
.border{ border-color:rgb(81, 203, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 203, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 203, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 203, 81);  
box-shadow:4px 4px 4px 4px rgb(81, 203,  
81) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 76.271, 139.231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 203, 81) }
```

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

```
.background{ background-color: rgb(81, 203,  
81) }
```

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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