

Converting Colors

CIELCh(73, 81.638, 139.075)

Have a look what the booklet for
CIELCh(73, 81.638, 139.075)
contains.

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Color

CIELCh(73, 81.281, 139.211)

Conversions

Conversions Part 1

Format	Color
Hex	46CC49
RGB	70, 204, 73
RGB Percent	27%, 80%, 29%
CMY	0.7273, 0.1983, 0.7121
CMYK	0.66, 0.00, 0.64, 0.20
HSL	122°, 57%, 54%
HSV	122°, 66%, 80%
XYZ	25.4053, 45.1644, 13.7535
YIQ	149.0000, -37.8130, -69.1490

Conversions

Conversions Part 2

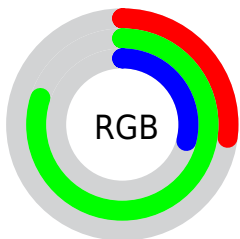
Format	Color
RYB	70, 201, 204
Decimal	4639817
CIELab	73.00, -61.54, 53.10
CIELCh	73, 81.281, 139.211
Yxy	45.1644, 0.3013, 0.5356
Android (android.graphics.Color)	4282829897 (0xFF46CC49)
YUV	149.0000, -37.4680, -69.2830
Hunter-Lab	67.2044, -50.1294, 34.9093

Details

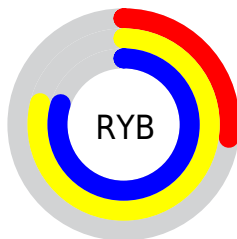
The CIELCh color **73, 81.281, 139.211** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **53, 79.856, 328.558**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 77.374, 139.344**, and **53, 78.338, 136.797** is the 20% darker color. If you saturate the color by 10%, you get **72, 89.845, 138.052**, and if you desaturate by 10%, it is **74, 70.973, 140.403**.

Distribution



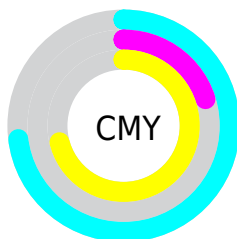
- Red (27%)
- Green (80%)
- Blue (29%)



- Red (27%)
- Yellow (79%)
- Blue (80%)



- Cyan (66%)
- Magenta (0%)
- Yellow (64%)
- Black (20%)





- Cyan (73%)
- Magenta (20%)
- Yellow (71%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 81.281, 139.211 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, 81.281, 139.211 by changing the saturation by 10% instead.


 73, 81.281,
139.211


 73, 81.281,
139.211


 100, 81.281,
139.211


 63, 81.281,
139.211


 93, 81.281,
139.211

 53, 81.281,
139.211

 43, 81.281,
139.211

 33, 81.281,
139.211

 23, 81.281,
139.211

 13, 81.281,
139.211

 3, 81.281, 139.211

■ 0, 81.281, 139.211

■ 73, 81.281,
139.211

■ 73, 81.281,
139.211

■ 72, 89.845,
138.052

■ 74, 70.973,
140.403

■ 72, 96.185,
137.057

■ 75, 59.395,
141.534

■ 72, 99.979,
136.365

■ 76, 46.969,
142.557

■ 72, 100.896,
136.222

■ 77, 34.047,
143.453

■ 79, 20.912,
144.228

■ 81, 7.781, 144.906

■ 83, 5.187, 325.376

■ 85, 17.880,
325.884

■ 88, 30.228,
326.291

Harmonies

Complementary

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



73, 81.281, 139.211



53, 79.856, 328.558

Rectangle

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



73, 81.281, 139.211



73, 81.281, 189.211



73, 81.281, 319.211



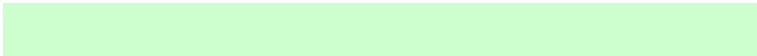
73, 81.281, 9.211

Sweetspot

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



73, 81.281, 139.212



95, 31.343, 143.911



80, 66.295, 105.040



50, 21.391, 143.688



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, 81.281, 139.212



88, 109.491, 137.622



74, 55.944, 156.779



42, 7.381, 144.681



59, 86.202, 136.282



12, 28.291, 143.384

Inverse Universe

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



53, 79.856, 328.558



62, 105.918, 329.008



51, 59.339, 352.958



40, 7.393, 325.713



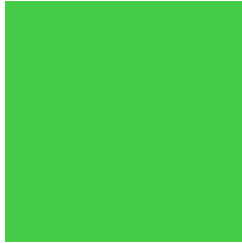
39, 81.864, 329.397



5, 28.383, 328.432

Previews

White Background



This preview shows how the CIELCh color 73, 81.281, 139.211 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, 81.281, 139.211 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, 81.281, 139.211

Background



This preview shows how black text looks on a background with the CIELCh color 73, 81.281, 139.211.



This preview shows how white text looks on a background with the CIELCh color 73, 81.281, 139.211.

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
73, 81.153, 139.101

Protanopia
72, 57.930, 95.638

Deuteranopia
72, 50.855, 79.591



Tritanopia
73, 27.211, 216.396

Trichromacy



Original Color
73, 81.153, 139.101



Protanomaly
72, 62.175, 118.995



Deuteranomaly
71, 53.231, 112.863



Tritanomaly
72, 40.739, 165.877

Monochromacy



Original Color
73, 81.153, 139.101



Achromatopsia
62, 0.008, 296.813



Achromatomaly
65, 32.254, 143.557

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 81.281, 139.211 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(70, 204, 73)` looks like.

```
.text, #text, p{  
    color:rgb(70, 204, 73)  
}
```

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(70, 204, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 204, 73) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 81.281, 139.211 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(70, 204, 73) }
```

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

```
.border{ border-color:rgb(70, 204, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 204, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 204, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 204, 73);  
box-shadow:4px 4px 4px 4px rgb(70, 204,  
73) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 81.281, 139.211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 204, 73) }
```

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

```
.background{ background-color: rgb(70, 204,  
73) }
```

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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