

Converting Colors

CIELCh(71, 61.924, 146.664)

Have a look what the booklet for
CIELCh(71, 61.924, 146.664)
contains.

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Color

CIELCh(71, 61.935, 146.672)

Conversions

Conversions Part 1

Format	Color
Hex	4FC46D
RGB	79, 196, 109
RGB Percent	31%, 77%, 43%
CMY	0.6907, 0.2318, 0.5729
CMYK	0.60, 0.00, 0.44, 0.23
HSL	135°, 50%, 54%
HSV	135°, 60%, 77%
XYZ	25.6831, 42.1875, 21.2284
YIQ	151.0990, -41.8050, -51.8610

Conversions

Conversions Part 2

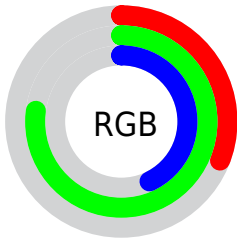
Format	Color
RYB	79, 172, 196
Decimal	5227629
CIELab	71.00, -51.75, 34.03
CIElCh	71, 61.935, 146.672
Yxy	42.1875, 0.2883, 0.4735
Android (android.graphics.Color)	4283417709 (0xFF4FC46D)
YUV	151.0990, -20.7548, -63.2308
Hunter-Lab	64.9519, -43.0838, 26.0884

Details

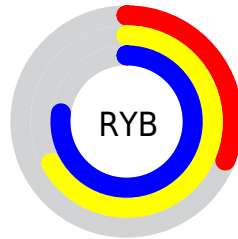
The CIELCh color **71, 61.935, 146.672** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted spring green. A complement of this color would be **52, 61.512, 337.055**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 62.074, 146.750**, and **51, 61.308, 145.932** is the 20% darker color. If you saturate the color by 10%, you get **70, 70.524, 145.132**, and if you desaturate by 10%, it is **72, 52.497, 148.038**.

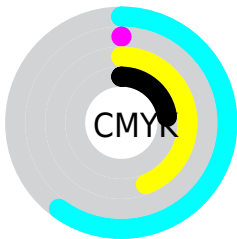
Distribution



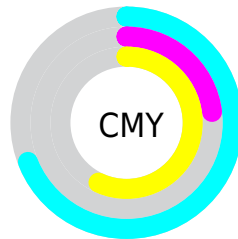
- Red (31%)
- Green (77%)
- Blue (43%)



- Red (31%)
- Yellow (67%)
- Blue (77%)



- Cyan (60%)
- Magenta (0%)
- Yellow (44%)
- Black (23%)





- Cyan (69%)
- Magenta (23%)
- Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 61.935, 146.672 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 71, 61.935, 146.672 by changing the saturation by 10% instead.


 71, 61.935,
146.672


 71, 61.935,
146.672


 100, 61.935,
146.672


 61, 61.935,
146.672


 91, 61.935,
146.672

 51, 61.935,
146.672

 41, 61.935,
146.672

 31, 61.935,
146.672

 21, 61.935,
146.672

 11, 61.935,
146.672

 1, 61.935, 146.672

0, 61.935, 146.672

71, 61.935,
146.672

71, 61.935,
146.672

70, 70.524,
145.132

72, 52.497,
148.038

70, 78.068,
143.437

73, 42.423,
149.232

69, 84.411,
141.635

74, 31.928,
150.269

69, 89.527,
139.874

76, 21.206,
151.169

69, 89.651,
139.832

77, 10.423,
151.960

79, 0.290, 331.499

■ 81, 10.833,
333.165

■ 83, 21.138,
333.699

■ 85, 31.118,
334.073

Harmonies

Complementary

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



71, 61.935, 146.672



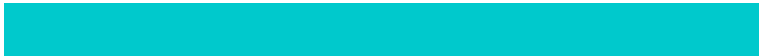
52, 61.512, 337.055

Rectangle

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



71, 61.935, 146.672



71, 61.935, 196.672



71, 61.935, 326.672



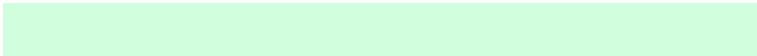
71, 61.935, 16.672

Sweetspot

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



71, 61.936, 146.672



96, 23.953, 151.290



75, 60.454, 116.446



51, 16.652, 151.041



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 61.936, 146.672



89, 89.287, 144.572



72, 40.261, 172.990



40, 6.015, 151.988



58, 76.875, 140.120



10, 21.393, 149.158

Inverse Universe

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



52, 61.512, 337.055



62, 86.392, 338.367



50, 49.918, 8.706



38, 6.040, 333.165



36, 67.384, 341.622



4, 18.984, 337.684

Previews

White Background



This preview shows how the CIELCh color 71, 61.935, 146.672 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 71, 61.935, 146.672 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 71, 61.935, 146.672

Background



This preview shows how black text looks on a background with the CIELCh color 71, 61.935, 146.672.

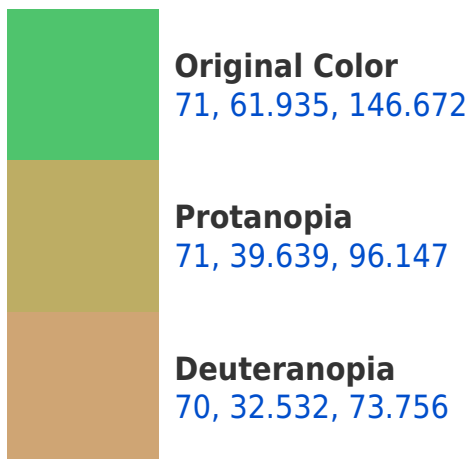


This preview shows how white text looks on a background with the CIELCh color 71, 61.935, 146.672.

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
71, 25.769, 216.357

Trichromacy



Original Color
71, 61.935, 146.672



Protanomaly
70, 43.475, 123.749



Deuteranomaly
69, 34.452, 117.856



Tritanomaly
71, 33.381, 175.587

Monochromacy



Original Color
71, 61.935, 146.672



Achromatopsia
62, 0.008, 296.813



Achromatomaly
65, 23.641, 150.918

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 61.935, 146.672 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(79, 196, 109)` looks like.

```
.text, #text, p{  
    color:rgb(79, 196, 109)  
}
```

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(79, 196, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 196, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 61.935, 146.672 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(79, 196, 109) }
```

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

```
.border{ border-color:rgb(79, 196, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 196, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 196, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 196, 109);  
box-shadow:4px 4px 4px 4px rgb(79, 196,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 61.935, 146.672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 196, 109) }
```

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

```
.background{ background-color: rgb(79, 196,  
109) }
```

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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