

Converting Colors

CIELCh(71, 60.981, 152.597)

Have a look what the booklet for
CIELCh(71, 60.981, 152.597)
contains.

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Color

CIELCh(71, 61.110, 152.511)

Conversions

Conversions Part 1

Format	Color
Hex	3AC578
RGB	58, 197, 120
RGB Percent	23%, 77%, 47%
CMY	0.7725, 0.2274, 0.5294
CMYK	0.71, 0.00, 0.39, 0.23
HSL	147°, 55%, 50%
HSV	147°, 71%, 77%
XYZ	25.1008, 42.1875, 24.5888
YIQ	146.6610, -58.1270, -53.4150

Conversions

Conversions Part 2

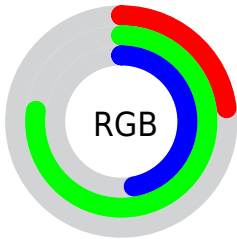
Format	Color
RYB	58, 154, 197
Decimal	3851640
CIELab	71.00, -54.21, 28.21
CIELCh	71, 61.110, 152.511
Yxy	42.1875, 0.2732, 0.4592
Android (android.graphics.Color)	4282041720 (0xFF3AC578)
YUV	146.6610, -13.1439, -77.7557
Hunter-Lab	64.9519, -44.6840, 23.0210

Details

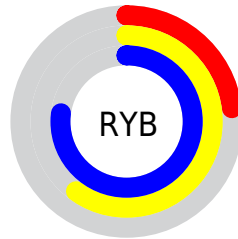
The CIELCh color **71, 61.110, 152.511** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **48, 62.352, 349.080**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 61.323, 152.531**, and **52, 57.382, 149.321** is the 20% darker color. If you saturate the color by 10%, you get **70, 67.497, 150.622**, and if you desaturate by 10%, it is **72, 53.892, 154.192**.

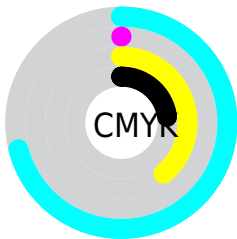
Distribution



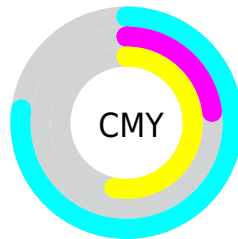
- Red (23%)
- Green (77%)
- Blue (47%)



- Red (23%)
- Yellow (60%)
- Blue (77%)



- Cyan (71%)
- Magenta (0%)
- Yellow (39%)
- Black (23%)





- Cyan (77%)
- Magenta (23%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 61.110, 152.511 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, 61.110, 152.511 by changing the saturation by 10% instead.


 71, 61.110,
152.511


 71, 61.110,
152.511


 100, 61.110,
152.511


 61, 61.110,
152.511


 91, 61.110,
152.511

 51, 61.110,
152.511

 41, 61.110,
152.511

 31, 61.110,
152.511

 21, 61.110,
152.511

 11, 61.110,
152.511

 1, 61.110, 152.511

0, 61.110, 152.511

71, 61.110,
152.511

71, 61.110,
152.511

70, 67.497,
150.622

72, 53.892,
154.192

70, 73.011,
148.536

73, 45.944,
155.673

70, 77.536,
146.485

74, 37.411,
156.975

75, 28.452,
158.120

76, 19.226,
159.134

78, 9.874, 160.048

■ 79, 0.514, 161.555

■ 81, 8.759, 341.489

■ 83, 17.876,
342.168

Harmonies

Complementary

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



71, 61.110, 152.511



48, 62.352, 349.080

Rectangle

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



71, 61.110, 152.511



71, 61.110, 202.511



71, 61.110, 332.511



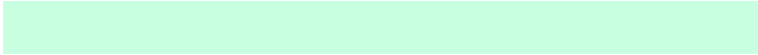
71, 61.110, 22.511

Sweetspot

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



71, 61.111, 152.511



96, 24.211, 159.061



73, 72.601, 123.876



51, 16.373, 158.786



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, 61.111, 152.511



89, 85.945, 149.445



73, 38.785, 188.972



41, 5.343, 160.151



59, 66.946, 146.822



11, 20.896, 153.749

Inverse Universe

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



48, 62.352, 349.080



57, 83.649, 352.773



46, 61.531, 26.045



39, 5.396, 341.551



35, 61.570, 356.601



4, 18.437, 349.659

Previews

White Background



This preview shows how the CIELCh color 71, 61.110, 152.511 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, 61.110, 152.511 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, 61.110, 152.511

Background



This preview shows how black text looks on a background with the CIELCh color 71, 61.110, 152.511.

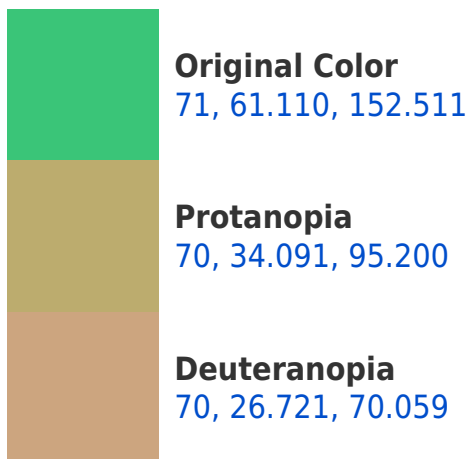


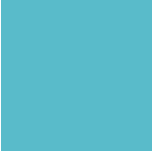
This preview shows how white text looks on a background with the CIELCh color 71, 61.110, 152.511.

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, 29.356, 213.738

Trichromacy



Original Color
71, 61.110, 152.511



Protanomaly
69, 39.407, 130.686



Deuteranomaly
69, 30.517, 127.356



Tritanomaly
71, 36.574, 179.985

Monochromacy



Original Color
71, 61.110, 152.511



Achromatopsia
61, 0.008, 296.813



Achromatomaly
64, 24.548, 157.900

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 61.110, 152.511 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(58, 197, 120)` looks like.

```
.text, #text, p{  
    color:rgb(58, 197, 120)  
}
```

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(58, 197, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 197, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 61.110, 152.511 is called "border". The border property can be set on classes, ids or directly on the HTML element.

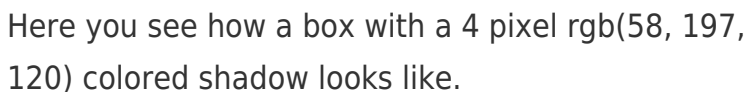
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(58, 197, 120) }
```

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

```
.border{ border-color:rgb(58, 197, 120) }
```

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



Here you see how a box with a 4 pixel `rgb(58, 197, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 197, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 197, 120);  
box-shadow:4px 4px 4px 4px rgb(58, 197,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 61.110, 152.511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 197, 120) }
```

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

```
.background{ background-color: rgb(58, 197,  
120) }
```

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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