

Converting Colors

CIELCh(71, 51.312, 153.354)

Have a look what the booklet for
CIELCh(71, 51.312, 153.354)
contains.

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Color

CIELCh(71, 51.312, 153.354)

Conversions

Conversions Part 1

Format	Color
Hex	55C282
RGB	85, 194, 130
RGB Percent	33%, 76%, 51%
CMY	0.6662, 0.2387, 0.4898
CMYK	0.56, 0.00, 0.33, 0.24
HSL	145°, 47%, 55%
HSV	145°, 56%, 76%
XYZ	27.1120, 42.1875, 27.8712
YIQ	154.1130, -44.4200, -43.0120

Conversions

Conversions Part 2

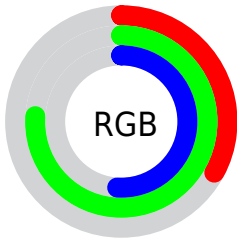
Format	Color
RYB	85, 162, 194
Decimal	5620354
CIELab	71.00, -45.86, 23.01
CIElCh	71, 51.312, 153.354
Yxy	42.1875, 0.2790, 0.4342
Android (android.graphics.Color)	4283810434 (0xFF55C282)
YUV	154.1130, -11.8877, -60.6121
Hunter-Lab	64.9519, -39.1571, 20.0247

Details

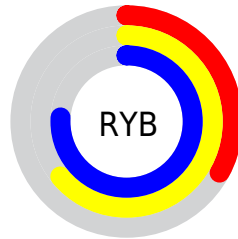
The CIELCh color **71, 51.312, 153.354** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **52, 52.687, 344.683**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 51.187, 153.203**, and **51, 51.123, 153.399** is the 20% darker color. If you saturate the color by 10%, you get **70, 59.047, 151.778**, and if you desaturate by 10%, it is **72, 42.911, 154.738**.

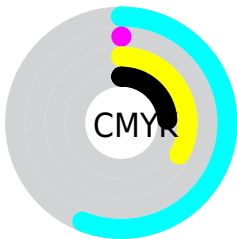
Distribution



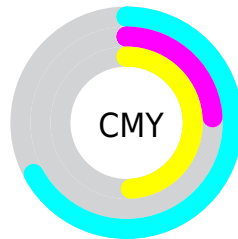
- Red (33%)
- Green (76%)
- Blue (51%)



- Red (33%)
- Yellow (64%)
- Blue (76%)



- Cyan (56%)
- Magenta (0%)
- Yellow (33%)
- Black (24%)





- Cyan (67%)
- Magenta (24%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 51.312, 153.354 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, 51.312, 153.354 by changing the saturation by 10% instead.


 71, 51.312,
153.354


 71, 51.312,
153.354


 100, 51.312,
153.354


 61, 51.312,
153.354


 91, 51.312,
153.354


 51, 51.312,
153.354

 41, 51.312,
153.354

 31, 51.312,
153.354

 21, 51.312,
153.354

 11, 51.312,
153.354

 1, 51.312, 153.354

0, 51.312, 153.354

71, 51.312,
153.354

71, 51.312,
153.354

70, 59.047,
151.778

72, 42.911,
154.738

70, 65.982,
149.999

73, 34.001,
155.950

69, 72.035,
148.022

74, 24.749,
157.016

69, 77.204,
145.886

76, 15.308,
157.960

69, 79.045,
145.087

77, 5.812, 158.829

79, 3.633, 339.405

81, 12.944,

340.145

■ 83, 22.061,
340.761

■ 85, 29.674,
338.933

Harmonies

Complementary

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



71, 51.312, 153.354



52, 52.687, 344.683

Rectangle

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



71, 51.312, 153.354



71, 51.312, 203.354



71, 51.312, 333.354



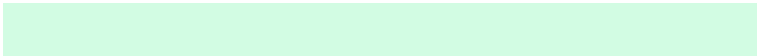
71, 51.312, 23.354

Sweetspot

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



71, 51.313, 153.354



96, 19.949, 157.860



73, 58.709, 122.823



51, 13.451, 157.672



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, 51.313, 153.354



89, 73.644, 151.454



72, 33.983, 186.683



40, 5.359, 158.550



58, 68.198, 145.424



10, 19.624, 153.254

Inverse Universe

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



52, 52.687, 344.683



62, 74.573, 346.481



51, 47.261, 19.212



38, 5.406, 339.903



35, 61.638, 353.623



3, 16.717, 347.040

Previews

White Background



This preview shows how the CIELCh color 71, 51.312, 153.354 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, 51.312, 153.354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

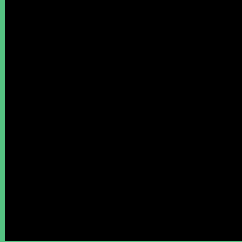
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 51.312, 153.354

Background



This preview shows how black text looks on a background with the CIELCh color 71, 51.312, 153.354.

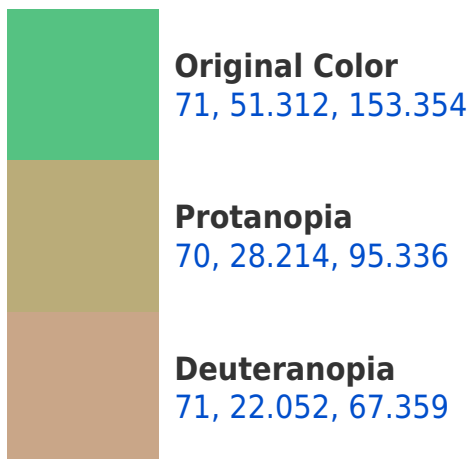


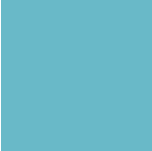
This preview shows how white text looks on a background with the CIELCh color 71, 51.312, 153.354.

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, 25.544, 216.543

Trichromacy



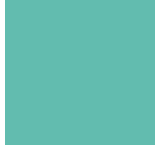
Original Color
71, 51.312, 153.354



Protanomaly
70, 32.662, 129.512



Deuteranomaly
70, 23.776, 124.496



Tritanomaly
71, 30.200, 183.333

Monochromacy



Original Color
71, 51.312, 153.354



Achromatopsia
64, 0.008, 296.813



Achromatomaly
66, 20.226, 156.702

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 51.312, 153.354 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(85, 194, 130)` looks like.

```
.text, #text, p{  
    color:rgb(85, 194, 130)  
}
```

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(85, 194, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 194, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 51.312, 153.354 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(85, 194, 130) }
```

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

```
.border{ border-color:rgb(85, 194, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 194, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 194, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 194, 130);  
box-shadow:4px 4px 4px 4px rgb(85, 194,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 51.312, 153.354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 194, 130) }
```

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

```
.background{ background-color: rgb(85, 194,  
130) }
```

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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