

Converting Colors

CIELCh(75, 71.442, 139.858)

Have a look what the booklet for
CIELCh(75, 71.442, 139.858)
contains.

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Color

CIELCh(75, 71.368, 139.877)

Conversions

Conversions Part 1

Format	Color
Hex	5FD05F
RGB	95, 208, 95
RGB Percent	37%, 82%, 37%
CMY	0.6281, 0.1849, 0.6280
CMYK	0.54, 0.00, 0.54, 0.18
HSL	120°, 55%, 59%
HSV	120°, 54%, 82%
XYZ	29.2753, 48.2781, 18.5661
YIQ	161.3310, -31.0750, -59.0990

Conversions

Conversions Part 2

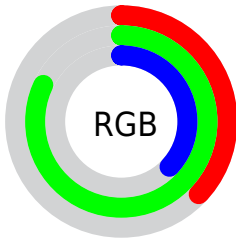
Format	Color
RYB	95, 208, 208
Decimal	6279263
CIELab	75.00, -54.57, 45.99
CIELCh	75, 71.368, 139.877
Yxy	48.2781, 0.3046, 0.5023
Android (android.graphics.Color)	4284469343 (0xFF5FD05F)
YUV	161.3310, -32.7012, -58.1723
Hunter-Lab	69.4824, -46.3861, 32.7951

Details

The CIELCh color **75, 71.368, 139.877** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted green. A complement of this color would be **58, 70.838, 327.229**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 65.277, 139.941**, and **55, 71.203, 139.881** is the 20% darker color. If you saturate the color by 10%, you get **74, 82.119, 138.739**, and if you desaturate by 10%, it is **76, 59.310, 140.969**.

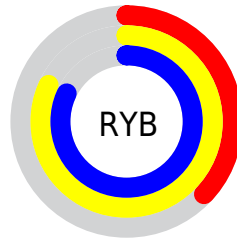
Distribution



Red (37%)

Green (82%)

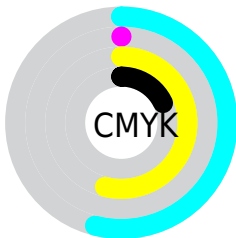
Blue (37%)



Red (37%)

Yellow (82%)

Blue (82%)

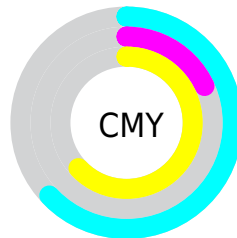


Cyan (54%)

Magenta (0%)

Yellow (54%)

Black (18%)



Cyan (63%)


Magenta (18%)


Yellow (63%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 71.368, 139.877 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 75, 71.368, 139.877 by changing the saturation by 10% instead.


 75, 71.368,
139.877


 75, 71.368,
139.877


 100, 71.368,
139.877


 65, 71.368,
139.877


 95, 71.368,
139.877

 55, 71.368,
139.877

 45, 71.368,
139.877

 35, 71.368,
139.877

 25, 71.368,
139.877

 15, 71.368,
139.877

 5, 71.368, 139.877

0, 71.368, 139.877

75, 71.368,
139.877

75, 71.368,
139.877

74, 82.119,
138.739

76, 59.310,
140.969

74, 91.034,
137.655

77, 46.398,
141.959

73, 97.575,
136.767

79, 33.003,
142.829

73, 101.388,
136.210

81, 19.420,
143.581

73, 102.659,
136.018

83, 5.868, 144.247

85, 7.492, 324.703

87, 20.553,

325.179

■ 89, 29.568,
325.454

Harmonies

Complementary

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



75, 71.368, 139.877



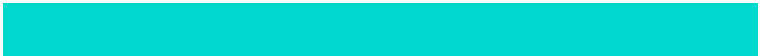
58, 70.838, 327.229

Rectangle

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



75, 71.368, 139.877



75, 71.368, 189.877



75, 71.368, 319.877



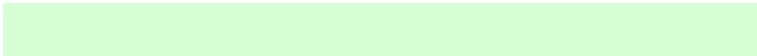
75, 71.368, 9.877

Sweetspot

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



75, 71.369, 139.877



96, 25.535, 143.453



81, 57.099, 105.081



51, 17.252, 143.301



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 71.369, 139.877



89, 97.402, 138.582



76, 48.878, 157.755



43, 7.680, 143.916



60, 87.740, 136.018



13, 30.534, 142.082

Inverse Universe

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



58, 70.838, 327.229



66, 95.987, 327.648



56, 51.651, 349.698



41, 7.692, 324.942



40, 84.644, 328.242



6, 31.107, 327.832

Previews

White Background



This preview shows how the CIELCh color 75, 71.368, 139.877 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 75, 71.368, 139.877 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 75, 71.368, 139.877

Background



This preview shows how black text looks on a background with the CIELCh color 75, 71.368, 139.877.

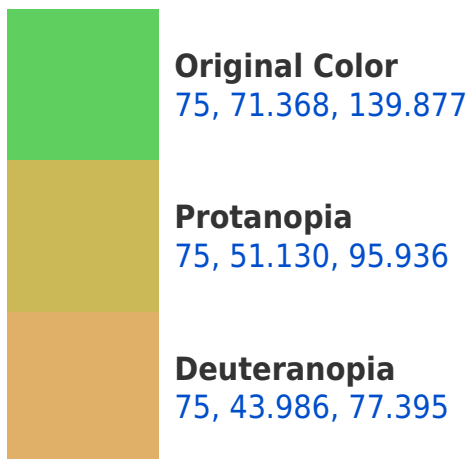


This preview shows how white text looks on a background with the CIELCh color 75, 71.368, 139.877.

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
75, 24.271, 218.892

Trichromacy



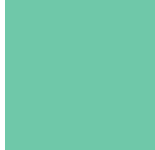
Original Color
75, 71.368, 139.877



Protanomaly
74, 54.395, 118.074



Deuteranomaly
73, 45.212, 111.184



Tritanomaly
75, 34.804, 167.996

Monochromacy



Original Color
75, 71.368, 139.877



Achromatopsia
66, 0.008, 296.813



Achromatomaly
69, 27.495, 142.949

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 71.368, 139.877 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(95, 208, 95)` looks like.

```
.text, #text, p{  
    color:rgb(95, 208, 95)  
}
```

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(95, 208, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 208, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 71.368, 139.877 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(95, 208, 95) }
```

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

```
.border{ border-color:rgb(95, 208, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 208, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 208, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 208, 95);  
box-shadow:4px 4px 4px 4px rgb(95, 208,  
95) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 71.368, 139.877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 208, 95) }
```

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

```
.background{ background-color: rgb(95, 208,  
95) }
```

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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