

Converting Colors

CIELCh(71, 63.672, 141.559)

Have a look what the booklet for
CIELCh(71, 63.672, 141.559)
contains.

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Color

CIELCh(71, 63.672, 141.559)

Conversions

Conversions Part 1

Format	Color
Hex	5CC362
RGB	92, 195, 98
RGB Percent	36%, 76%, 38%
CMY	0.6392, 0.2353, 0.6157
CMYK	0.53, 0.00, 0.50, 0.24
HSL	123°, 46%, 56%
HSV	123°, 53%, 76%
XYZ	26.1334, 42.1875, 18.3210
YIQ	153.1450, -30.2510, -52.0030

Conversions

Conversions Part 2

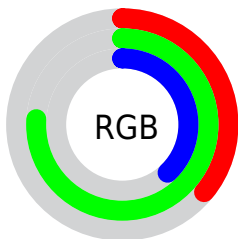
Format	Color
RYB	92, 189, 195
Decimal	6079330
CIELab	71.00, -49.87, 39.59
CIELCh	71, 63.672, 141.559
Yxy	42.1875, 0.3016, 0.4869
Android (android.graphics.Color)	4284269410 (0xFF5CC362)
YUV	153.1450, -27.1865, -53.6242
Hunter-Lab	64.9519, -41.8464, 28.7424

Details

The CIELCh color **71, 63.672, 141.559** 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 **55, 63.168, 328.930**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 63.719, 141.525**, and **51, 63.468, 141.580** is the 20% darker color. If you saturate the color by 10%, you get **70, 73.941, 140.341**, and if you desaturate by 10%, it is **72, 52.402, 142.677**.

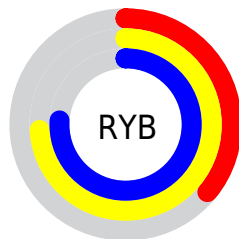
Distribution



Red (36%)

Green (76%)

Blue (38%)



Red (36%)

Yellow (74%)

Blue (76%)

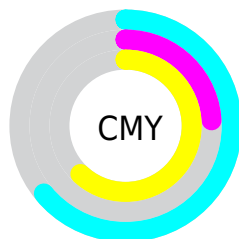


Cyan (53%)

Magenta (0%)

Yellow (50%)

Black (24%)



Cyan (64%)


Magenta (24%)


Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 63.672, 141.559 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, 63.672, 141.559 by changing the saturation by 10% instead.


 71, 63.672,
141.559


 71, 63.672,
141.559


 100, 63.672,
141.559


 61, 63.672,
141.559


 91, 63.672,
141.559

 51, 63.672,
141.559

 41, 63.672,
141.559

 31, 63.672,
141.559

 21, 63.672,
141.559

 11, 63.672,
141.559

 1, 63.672, 141.559

0, 63.672, 141.559

71, 63.672,
141.559

71, 63.672,
141.559

70, 73.941,
140.341

72, 52.402,
142.677

70, 82.809,
139.086

73, 40.479,
143.669

69, 89.856,
137.898

75, 28.196,
144.530

69, 94.716,
136.913

76, 15.791,
145.274

69, 96.837,
136.458

78, 3.445, 145.962

80, 8.711, 326.387

82, 20.586,

326.859

■ 85, 32.125,
327.252

■ 86, 37.628,
325.731

Harmonies

Complementary

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



71, 63.672, 141.559



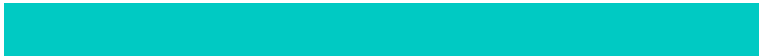
55, 63.168, 328.930

Rectangle

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



71, 63.672, 141.559



71, 63.672, 191.559



71, 63.672, 321.559



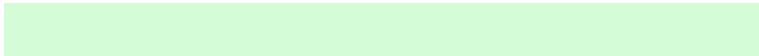
71, 63.672, 11.559

Sweetspot

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



71, 63.673, 141.559



95, 24.341, 145.031



77, 52.898, 107.604



51, 16.580, 144.876



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, 63.673, 141.559



89, 91.134, 140.197



72, 43.321, 160.692



40, 6.932, 145.508



57, 83.648, 136.572



10, 23.595, 145.137

Inverse Universe

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



55, 63.168, 328.930



66, 89.541, 329.451



53, 46.685, 352.630



38, 6.944, 326.544



37, 78.189, 330.667



4, 22.943, 328.352

Previews

White Background



This preview shows how the CIELCh color 71, 63.672, 141.559 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, 63.672, 141.559 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, 63.672, 141.559

Background



This preview shows how black text looks on a background with the CIELCh color 71, 63.672, 141.559.



This preview shows how white text looks on a background with the CIELCh color 71, 63.672, 141.559.

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
71, 63.672, 141.559

Protanopia
71, 44.660, 96.103

Deuteranopia
71, 37.690, 76.301



Tritanopia
71, 22.959, 218.948

Trichromacy



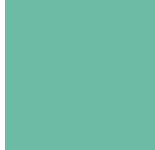
Original Color
71, 63.672, 141.559



Protanomaly
70, 47.641, 119.363



Deuteranomaly
70, 39.118, 112.446



Tritanomaly
71, 31.459, 170.034

Monochromacy



Original Color
71, 63.672, 141.559



Achromatopsia
63, 0.008, 296.813



Achromatomaly
65, 24.168, 144.494

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 63.672, 141.559 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(92, 195, 98)` looks like.

```
.text, #text, p{  
    color:rgb(92, 195, 98)  
}
```

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(92, 195, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 195, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 63.672, 141.559 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(92, 195, 98) }
```

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

```
.border{ border-color:rgb(92, 195, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 195, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 195, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 195, 98);  
box-shadow:4px 4px 4px 4px rgb(92, 195,  
98) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 63.672, 141.559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 195, 98) }
```

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

```
.background{ background-color: rgb(92, 195,  
98) }
```

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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