

Converting Colors

CIELCh(71, 69.972, 139.067)

Have a look what the booklet for
CIELCh(71, 69.972, 139.067)
contains.

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Color

CIELCh(71, 70.052, 139.153)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 58C455 |
| RGB | 88, 196, 85 |
| RGB Percent | 35%, 77%, 33% |
| CMY | 0.6551, 0.2315, 0.6668 |
| CMYK | 0.55, 0.00, 0.57, 0.23 |
| HSL | 118°, 48%, 55% |
| HSV | 118°, 57%, 77% |
| XYZ | 25.3881, 42.1875, 15.3908 |
| YIQ | 151.0540, -28.7370, -57.4170 |

Conversions

Conversions Part 2

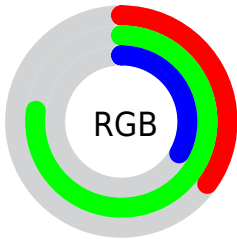
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 85, 196, 193 |
| Decimal | 5817429 |
| CIELab | 71.00, -52.99, 45.82 |
| CIELCh | 71, 70.052, 139.153 |
| Yxy | 42.1875, 0.3060, 0.5085 |
| Android (android.graphics.Color) | 4284007509 (0xFF58C455) |
| YUV | 151.0540, -32.5646, -55.2984 |
| Hunter-Lab | 64.9519, -43.8945, 31.4171 |

Details

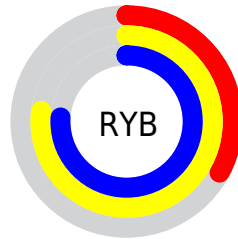
The CIELCh color **71, 70.052, 139.153** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted green. A complement of this color would be **54, 69.651, 326.477**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 69.685, 139.318**, and **51, 69.892, 139.198** is the 20% darker color. If you saturate the color by 10%, you get **70, 80.014, 138.104**, and if you desaturate by 10%, it is **72, 58.799, 140.189**.

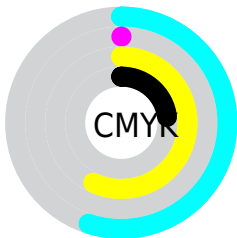
Distribution



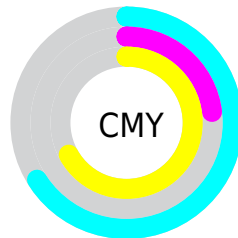
- Red (35%)
- Green (77%)
- Blue (33%)



- Red (33%)
- Yellow (77%)
- Blue (76%)



- Cyan (55%)
- Magenta (0%)
- Yellow (57%)
- Black (23%)





- Cyan (66%)
- Magenta (23%)
- Yellow (67%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 70.052, 139.153 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, 70.052, 139.153 by changing the saturation by 10% instead.


 71, 70.052,
139.153


 71, 70.052,
139.153


 100, 70.052,
139.153


 61, 70.052,
139.153


 91, 70.052,
139.153

 51, 70.052,
139.153

 41, 70.052,
139.153

 31, 70.052,
139.153

 21, 70.052,
139.153

 11, 70.052,
139.153

 1, 70.052, 139.153

0, 70.052, 139.153

71, 70.052,
139.153

71, 70.052,
139.153

70, 80.014,
138.104

72, 58.799,
140.189

70, 88.174,
137.148

73, 46.692,
141.145

69, 94.031,
136.425

75, 34.088,
141.997

69, 97.325,
136.037

76, 21.266,
142.738

69, 98.101,
135.912

78, 8.438, 143.387

80, 4.241, 323.835

82, 16.664,

324.332

■ 84, 28.762,
324.723

■ 86, 37.030,
325.711

Harmonies

Complementary

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



71, 70.052, 139.153



54, 69.651, 326.477

Rectangle

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



71, 70.052, 139.153



71, 70.052, 189.153



71, 70.052, 319.153



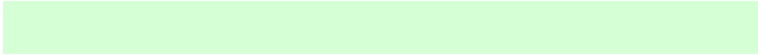
71, 70.052, 9.153

Sweetspot

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



71, 70.053, 139.154



96, 26.906, 142.695



76, 54.901, 103.322



51, 18.007, 142.551



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, 70.053, 139.154



89, 100.195, 137.858



72, 49.744, 155.783



40, 7.151, 143.217



57, 84.632, 135.884



10, 24.089, 143.592

Inverse Universe

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



54, 69.651, 326.477



65, 98.833, 326.867



52, 51.922, 347.952



38, 7.165, 324.195



37, 81.905, 327.182



4, 23.882, 325.207

Previews

White Background



This preview shows how the CIELCh color 71, 70.052, 139.153 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, 70.052, 139.153 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, 70.052, 139.153

Background



This preview shows how black text looks on a background with the CIELCh color 71, 70.052, 139.153.



This preview shows how white text looks on a background with the CIELCh color 71, 70.052, 139.153.

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

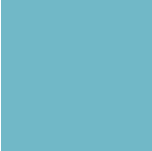
71, 70.052, 139.153

Protanopia

71, 50.502, 95.517

Deuteranopia

70, 43.580, 77.751



Tritanopia
71, 23.442, 218.462

Trichromacy



Original Color
71, 70.052, 139.153



Protanomaly
70, 53.167, 117.509



Deuteranomaly
69, 45.055, 111.100



Tritanomaly
70, 33.474, 167.421

Monochromacy



Original Color
71, 70.052, 139.153



Achromatopsia
62, 0.008, 296.813



Achromatomaly
65, 26.924, 142.276

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 70.052, 139.153 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(88, 196, 85)` looks like.

```
.text, #text, p{  
    color:rgb(88, 196, 85)  
}
```

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(88, 196, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 196, 85) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 70.052, 139.153 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(88, 196, 85) }
```

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

```
.border{ border-color:rgb(88, 196, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 196, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 196, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 196, 85);  
box-shadow:4px 4px 4px 4px rgb(88, 196,  
85) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 70.052, 139.153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 196, 85) }
```

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

```
.background{ background-color: rgb(88, 196,  
85) }
```

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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