

Converting Colors

CIELCh(71, 80.344, 127.228)

Have a look what the booklet for
CIELCh(71, 80.344, 127.228)
contains.

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Color

CIELCh(71, 80.385, 127.241)

Conversions

Conversions Part 1

Format	Color
Hex	71C227
RGB	113, 194, 39
RGB Percent	44%, 76%, 15%
CMY	0.5573, 0.2396, 0.8475
CMYK	0.42, 0.00, 0.80, 0.24
HSL	91°, 67%, 46%
HSV	91°, 80%, 76%
XYZ	26.4298, 42.1875, 8.6587
YIQ	152.1110, 1.4790, -65.3770

Conversions

Conversions Part 2

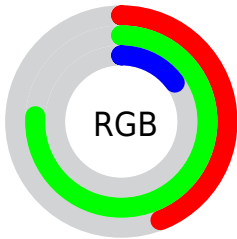
Format	Color
RYB	39, 194, 120
Decimal	7455271
CIELab	71.00, -48.65, 63.99
CIELCh	71, 80.385, 127.241
Yxy	42.1875, 0.3420, 0.5459
Android (android.graphics.Color)	4285645351 (0xFF71C227)
YUV	152.1110, -55.7637, -34.3003
Hunter-Lab	64.9519, -41.0319, 37.5624

Details

The CIELCh color **71, 80.385, 127.241** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **37, 89.755, 313.155**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 80.200, 127.194**, and **51, 72.149, 131.162** is the 20% darker color. If you saturate the color by 10%, you get **70, 85.831, 127.834**, and if you desaturate by 10%, it is **72, 73.035, 127.082**.

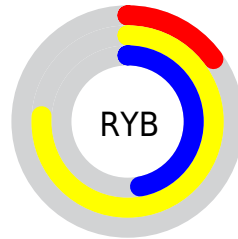
Distribution



Red (44%)

Green (76%)

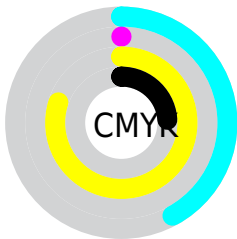
Blue (15%)



Red (15%)

Yellow (76%)

Blue (47%)

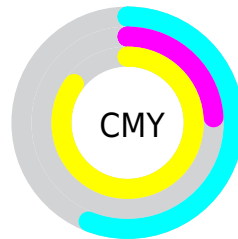


Cyan (42%)

Magenta (0%)

Yellow (80%)

Black (24%)



Cyan (56%)


Magenta (24%)


Yellow (85%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 80.385, 127.241 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, 80.385, 127.241 by changing the saturation by 10% instead.


 71, 80.385,
127.241


 71, 80.385,
127.241


 100, 80.385,
127.241


 61, 80.385,
127.241


 91, 80.385,
127.241

 51, 80.385,
127.241

 41, 80.385,
127.241

 31, 80.385,
127.241

 21, 80.385,
127.241

 11, 80.385,
127.241

 1, 80.385, 127.241

0, 80.385, 127.241

71, 80.385,
127.241

71, 80.385,
127.241

70, 85.831,
127.834

72, 73.035,
127.082

70, 89.446,
128.820

72, 64.227,
127.230

70, 89.464,
128.825

73, 54.417,
127.568

74, 43.968,
128.005

75, 33.140,
128.483

76, 22.114,
128.966

■ 77, 11.015,
129.434

■ 78, 0.068, 308.044

■ 80, 11.072,
310.241

Harmonies

Complementary

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



71, 80.385, 127.241



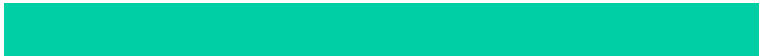
37, 89.755, 313.155

Rectangle

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



71, 80.385, 127.241



71, 80.385, 177.241



71, 80.385, 307.241



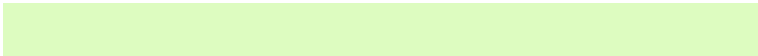
71, 80.385, 357.241

Sweetspot

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



71, 80.385, 127.242



96, 32.950, 128.753



57, 58.116, 66.460



51, 22.804, 128.577



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, 80.385, 127.242



89, 107.997, 128.612



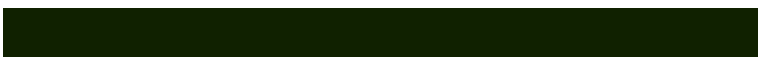
69, 89.352, 137.441



40, 6.274, 129.460



59, 77.645, 128.598



11, 21.281, 133.219

Inverse Universe

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



37, 89.755, 313.155



42, 121.855, 312.493



48, 86.735, 328.573



38, 6.355, 310.249



25, 87.807, 312.543



2, 20.295, 306.158

Previews

White Background



This preview shows how the CIELCh color 71, 80.385, 127.241 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, 80.385, 127.241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

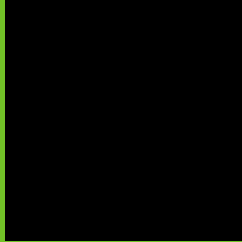
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 80.385, 127.241

Background



This preview shows how black text looks on a background with the CIELCh color 71, 80.385, 127.241.

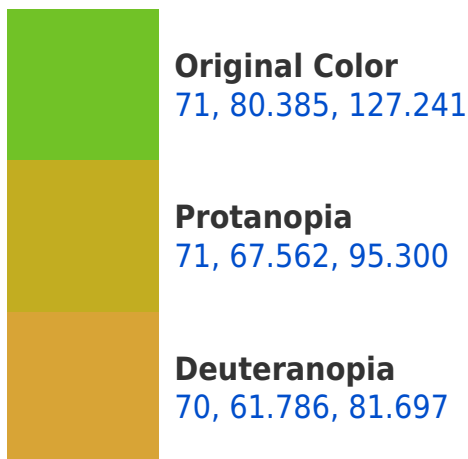


This preview shows how white text looks on a background with the CIELCh color 71, 80.385, 127.241.

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, 16.908, 225.408

Trichromacy



Original Color
71, 80.385, 127.241

Protanomaly
70, 69.481, 109.224

Deuteranomaly
70, 62.554, 102.225

Tritanomaly
71, 34.381, 147.659

Monochromacy



Original Color
71, 80.385, 127.241

Achromatopsia
63, 0.008, 296.813

Achromatomaly
65, 32.775, 128.162

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 80.385, 127.241 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(113, 194, 39)` looks like.

```
.text, #text, p{  
    color:rgb(113, 194, 39)  
}
```

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(113, 194, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 194, 39) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 80.385, 127.241 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(113, 194, 39) }
```

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

```
.border{ border-color:rgb(113, 194, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 194, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 194, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 194, 39);  
box-shadow:4px 4px 4px 4px rgb(113, 194,  
39) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 80.385, 127.241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 194, 39) }
```

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

```
.background{ background-color: rgb(113,  
194, 39) }
```

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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