

Converting Colors

CIELCh(71, 75.589, 129.862)

Have a look what the booklet for
CIELCh(71, 75.589, 129.862)
contains.

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Color

CIELCh(71, 75.587, 129.952)

Conversions

Conversions Part 1

Format	Color
Hex	6EC239
RGB	110, 194, 57
RGB Percent	43%, 76%, 22%
CMY	0.5687, 0.2392, 0.7765
CMYK	0.43, 0.00, 0.71, 0.24
HSL	97°, 55%, 49%
HSV	97°, 71%, 76%
XYZ	26.4562, 42.1875, 10.6177
YIQ	153.2660, -6.0870, -60.4150

Conversions

Conversions Part 2

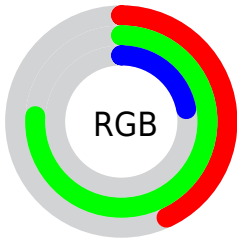
Format	Color
RYB	57, 194, 141
Decimal	7258681
CIELab	71.00, -48.54, 57.94
CIELCh	71, 75.587, 129.952
Yxy	42.1875, 0.3338, 0.5323
Android (android.graphics.Color)	4285448761 (0xFF6EC239)
YUV	153.2660, -47.4591, -37.9443
Hunter-Lab	64.9519, -40.9593, 35.7742

Details

The CIELCh color **71, 75.587, 129.952** 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 **42, 81.050, 315.654**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 75.442, 130.042**, and **51, 72.428, 131.502** is the 20% darker color. If you saturate the color by 10%, you get **70, 83.039, 130.040**, and if you desaturate by 10%, it is **72, 66.608, 130.164**.

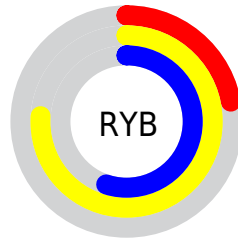
Distribution



Red (43%)

Green (76%)

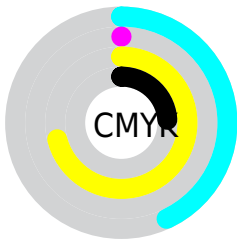
Blue (22%)



Red (22%)

Yellow (76%)

Blue (55%)

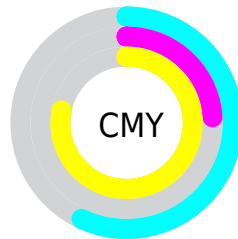


Cyan (43%)

Magenta (0%)

Yellow (71%)

Black (24%)



Cyan (57%)


Magenta (24%)


Yellow (78%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 75.587, 129.952 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, 75.587, 129.952 by changing the saturation by 10% instead.


 71, 75.587,
129.952


 71, 75.587,
129.952


 100, 75.587,
129.952


 61, 75.587,
129.952


 91, 75.587,
129.952

 51, 75.587,
129.952

 41, 75.587,
129.952

 31, 75.587,
129.952

 21, 75.587,
129.952

 11, 75.587,
129.952

 1, 75.587, 129.952

■ 0, 75.587, 129.952

■ 71, 75.587,
129.952

■ 71, 75.587,
129.952

■ 70, 83.039,
130.040

■ 72, 66.608,
130.164

■ 70, 88.511,
130.548

■ 73, 56.571,
130.552

■ 70, 91.947,
131.346

■ 73, 45.856,
131.026

■ 75, 34.741,
131.527

■ 76, 23.424,
132.019

■ 77, 12.041,
132.486

■ 78, 0.694, 133.113

■ 80, 10.550,
313.262

■ 81, 21.639,
313.608

Harmonies

Complementary

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



71, 75.587, 129.952



42, 81.050, 315.654

Rectangle

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



71, 75.587, 129.952



71, 75.587, 179.952



71, 75.587, 309.952



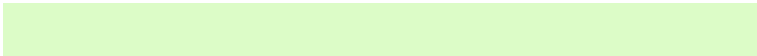
71, 75.587, 359.952

Sweetspot

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



71, 75.587, 129.953



96, 29.542, 131.985



62, 52.120, 75.614



51, 20.157, 131.848



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, 75.587, 129.953



89, 105.376, 130.273



69, 78.690, 140.384



40, 6.418, 132.543



58, 79.766, 131.137



10, 21.896, 135.934

Inverse Universe

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



42, 81.050, 315.654



48, 113.759, 315.485



49, 76.430, 331.257



38, 6.485, 313.295



27, 86.155, 314.887



2, 20.696, 309.592

Previews

White Background



This preview shows how the CIELCh color 71, 75.587, 129.952 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, 75.587, 129.952 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, 75.587, 129.952

Background



This preview shows how black text looks on a background with the CIELCh color 71, 75.587, 129.952.



This preview shows how white text looks on a background with the CIELCh color 71, 75.587, 129.952.

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](#).

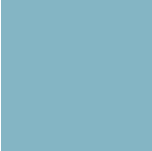
Dichromacy



Original Color
71, 75.587, 129.952

Protanopia
71, 61.519, 95.159

Deuteranopia
70, 56.039, 80.577



Tritanopia
71, 17.892, 225.740

Trichromacy



Original Color
71, 75.587, 129.952



Protanomaly
70, 63.563, 111.073



Deuteranomaly
70, 56.729, 103.539

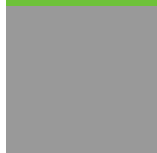


Tritanomaly
70, 32.172, 153.083

Monochromacy



Original Color
71, 75.587, 129.952



Achromatopsia
63, 0.008, 296.813



Achromatomaly
65, 30.101, 131.809

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 75.587, 129.952 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(110, 194, 57)` looks like.

```
.text, #text, p{  
    color:rgb(110, 194, 57)  
}
```

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(110, 194, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 194, 57) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 75.587, 129.952 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(110, 194, 57) }
```

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

```
.border{ border-color:rgb(110, 194, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 194, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 194, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 194, 57);  
box-shadow:4px 4px 4px 4px rgb(110, 194,  
57) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 75.587, 129.952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 194, 57) }
```

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

```
.background{ background-color: rgb(110,  
194, 57) }
```

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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