

Converting Colors

CIELCh(71, 41.801, 150.648)

Have a look what the booklet for
CIELCh(71, 41.801, 150.648)
contains.

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Color

CIELCh(71, 41.690, 150.784)

Conversions

Conversions Part 1

Format	Color
Hex	6FBE87
RGB	111, 190, 135
RGB Percent	44%, 75%, 53%
CMY	0.5630, 0.2532, 0.4690
CMYK	0.41, 0.00, 0.29, 0.25
HSL	138°, 38%, 59%
HSV	138°, 41%, 75%
XYZ	29.5217, 42.1875, 29.6618
YIQ	160.1090, -29.4290, -33.8530

Conversions

Conversions Part 2

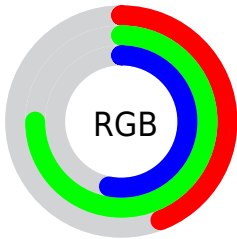
Format	Color
RYB	111, 172, 190
Decimal	7323271
CIELab	71.00, -36.39, 20.35
CIELCh	71, 41.690, 150.784
Yxy	42.1875, 0.2912, 0.4162
Android (android.graphics.Color)	4285513351 (0xFF6FBE87)
YUV	160.1090, -12.3787, -43.0686
Hunter-Lab	64.9519, -32.5347, 18.3902

Details

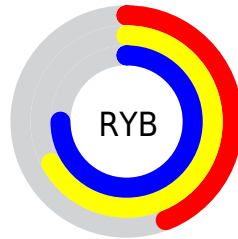
The CIELCh color **71, 41.690, 150.784** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **57, 42.168, 337.550**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 41.965, 150.471**, and **51, 41.659, 150.830** is the 20% darker color. If you saturate the color by 10%, you get **70, 51.086, 149.539**, and if you desaturate by 10%, it is **72, 31.866, 151.867**.

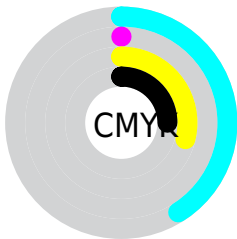
Distribution



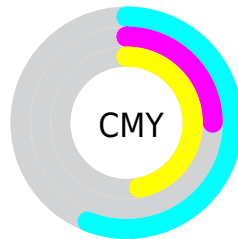
- Red (44%)
- Green (75%)
- Blue (53%)



- Red (44%)
- Yellow (67%)
- Blue (75%)



- Cyan (41%)
- Magenta (0%)
- Yellow (29%)
- Black (25%)





- Cyan (56%)
- Magenta (25%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 41.690, 150.784 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, 41.690, 150.784 by changing the saturation by 10% instead.


 71, 41.690,
150.784


 71, 41.690,
150.784


 100, 41.690,
150.784


 61, 41.690,
150.784


 91, 41.690,
150.784

 51, 41.690,
150.784

 41, 41.690,
150.784

 31, 41.690,
150.784

 21, 41.690,
150.784

 11, 41.690,
150.784

 1, 41.690, 150.784

■ 0, 41.690, 150.784

■ 71, 41.690,
150.784

■ 71, 41.690,
150.784

■ 70, 51.086,
149.539

■ 72, 31.866,
151.867

■ 69, 59.857,
148.116

■ 74, 21.791,
152.811

■ 68, 67.822,
146.508

■ 75, 11.623,
153.643

■ 68, 74.825,
144.727

■ 77, 1.492, 154.550

■ 68, 80.761,
142.815

■ 79, 8.504, 334.922

■ 68, 85.024,
141.208

■ 81, 18.295,
335.502

■ 83, 27.832,

336.007

■ 84, 35.085,
332.476

■ 85, 40.390,
325.917

Harmonies

Complementary

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



71, 41.690, 150.784



57, 42.168, 337.550

Rectangle

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



71, 41.690, 150.784



71, 41.690, 200.784



71, 41.690, 330.784



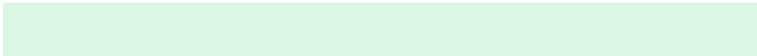
71, 41.690, 20.784

Sweetspot

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



71, 41.691, 150.784



95, 15.016, 153.587



74, 42.683, 119.430



51, 10.046, 153.482



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



71, 41.691, 150.784



89, 61.409, 149.630



72, 28.086, 179.276



39, 5.684, 153.810



57, 73.572, 141.508



9, 18.650, 150.839

Inverse Universe

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



57, 42.168, 337.550



69, 61.898, 338.398



56, 33.505, 8.425



37, 5.714, 335.030



35, 64.579, 344.882



3, 16.033, 340.004

Previews

White Background



This preview shows how the CIELCh color 71, 41.690, 150.784 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, 41.690, 150.784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

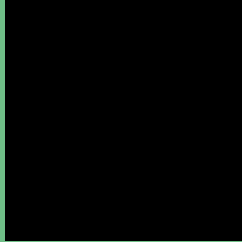
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 41.690, 150.784

Background



This preview shows how black text looks on a background with the CIELCh color 71, 41.690, 150.784.

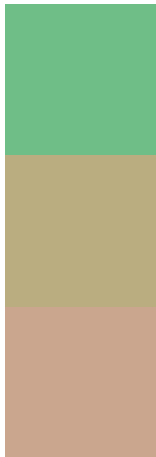


This preview shows how white text looks on a background with the CIELCh color 71, 41.690, 150.784.

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, 41.690, 150.784

Protanopia
71, 25.482, 95.407

Deuteranopia
71, 19.976, 62.747



Tritanopia
71, 20.072, 220.630

Trichromacy



Original Color
71, 41.690, 150.784



Protanomaly
70, 27.641, 124.444



Deuteranomaly
70, 19.724, 116.380



Tritanomaly
71, 23.508, 182.653

Monochromacy



Original Color
71, 41.690, 150.784



Achromatopsia
66, 0.008, 296.813



Achromatomaly
68, 15.646, 153.489

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 41.690, 150.784 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(111, 190, 135)` looks like.

```
.text, #text, p{  
    color:rgb(111, 190, 135)  
}
```

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(111, 190, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 190, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 41.690, 150.784 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(111, 190, 135) }
```

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

```
.border{ border-color:rgb(111, 190, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 190, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 190, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 190, 135);  
box-shadow:4px 4px 4px 4px rgb(111, 190,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 41.690, 150.784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 190, 135) }
```

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

```
.background{ background-color: rgb(111,  
190, 135) }
```

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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