

Converting Colors

CIELCh(70, 60.927, 135.968)

Have a look what the booklet for
CIELCh(70, 60.927, 135.968)
contains.

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Color

CIELCh(70, 61.150, 135.990)

Conversions

Conversions Part 1

Format	Color
Hex	6DBE5A
RGB	109, 190, 90
RGB Percent	43%, 75%, 35%
CMY	0.5731, 0.2554, 0.6475
CMYK	0.43, 0.00, 0.53, 0.26
HSL	109°, 43%, 55%
HSV	109°, 53%, 74%
XYZ	26.5163, 40.7494, 16.1139
YIQ	154.3810, -16.1760, -48.2720

Conversions

Conversions Part 2

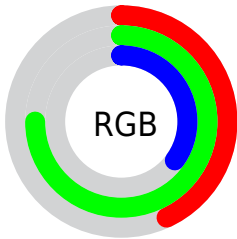
Format	Color
RYB	90, 190, 171
Decimal	7192154
CIELab	70.00, -43.98, 42.49
CIELCh	70, 61.150, 135.990
Yxy	40.7494, 0.3180, 0.4887
Android (android.graphics.Color)	4285382234 (0xFF6DBE5A)
YUV	154.3810, -31.7398, -39.7991
Hunter-Lab	63.8353, -37.5652, 29.7181

Details

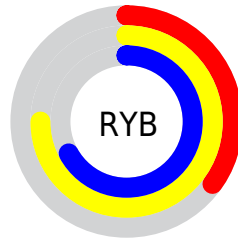
The CIELCh color **70, 61.150, 135.990** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **51, 62.257, 321.311**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 61.288, 135.871**, and **50, 61.305, 135.863** is the 20% darker color. If you saturate the color by 10%, you get **69, 71.299, 135.331**, and if you desaturate by 10%, it is **71, 50.145, 136.684**.

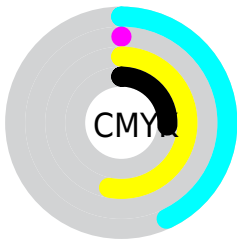
Distribution



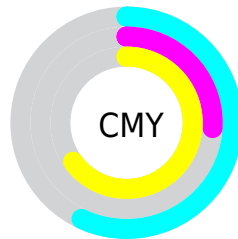
- Red (43%)
- Green (75%)
- Blue (35%)



- Red (35%)
- Yellow (75%)
- Blue (67%)



- Cyan (43%)
- Magenta (0%)
- Yellow (53%)
- Black (26%)





- Cyan (57%)
- Magenta (26%)
- Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 61.150, 135.990 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 70, 61.150, 135.990 by changing the saturation by 10% instead.


 70, 61.150,
135.990


 70, 61.150,
135.990


 100, 61.150,
135.990


 60, 61.150,
135.990


 90, 61.150,
135.990

 50, 61.150,
135.990

 40, 61.150,
135.990

 30, 61.150,
135.990

 20, 61.150,
135.990

 10, 61.150,
135.990

 0, 61.150, 135.990

70, 61.150,
135.990

70, 61.150,
135.990

69, 71.299,
135.331

71, 50.145,
136.684

68, 80.156,
134.797

72, 38.618,
137.353

68, 87.220,
134.512

73, 26.822,
137.971

68, 92.056,
134.591

75, 14.943,
138.526

67, 94.377,
134.787

76, 3.117, 139.060

78, 8.559, 319.389

80, 20.019,
319.762

82, 31.218,
320.074

■ 84, 39.556,
322.422

Harmonies

Complementary

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



70, 61.150, 135.990



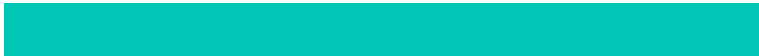
51, 62.257, 321.311

Rectangle

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



70, 61.150, 135.990



70, 61.150, 185.990



70, 61.150, 315.990



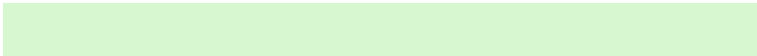
70, 61.150, 5.990

Sweetspot

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



70, 61.151, 135.991



94, 23.441, 138.333



70, 43.572, 94.154



50, 15.965, 138.218



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



70, 61.151, 135.991



88, 88.546, 135.248



70, 52.168, 149.250



39, 6.643, 138.698



57, 82.278, 134.659



9, 20.700, 140.669

Inverse Universe

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



51, 62.257, 321.311



61, 90.057, 321.591



53, 52.492, 338.407



37, 6.678, 319.506



32, 82.244, 321.139



3, 19.654, 317.170

Previews

White Background



This preview shows how the CIELCh color 70, 61.150, 135.990 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 70, 61.150, 135.990 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 70, 61.150, 135.990

Background



This preview shows how black text looks on a background with the CIELCh color 70, 61.150, 135.990.

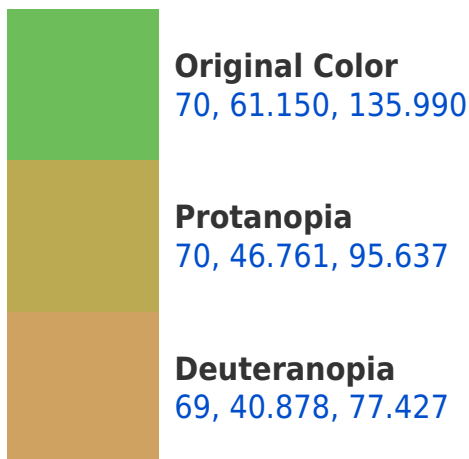


This preview shows how white text looks on a background with the CIELCh color 70, 61.150, 135.990.

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
70, 18.256, 223.229

Trichromacy



Original Color
70, 61.150, 135.990

Protanomaly
69, 48.364, 114.527

Deuteranomaly
69, 41.509, 106.505

Tritanomaly
70, 26.962, 163.990

Monochromacy



Original Color
70, 61.150, 135.990

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 22.945, 137.917

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 61.150, 135.990 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(109, 190, 90)` looks like.

```
.text, #text, p{  
    color:rgb(109, 190, 90)  
}
```

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(109, 190, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 190, 90) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 61.150, 135.990 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(109, 190, 90) }
```

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

```
.border{ border-color:rgb(109, 190, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 190, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 190, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 190, 90);  
box-shadow:4px 4px 4px 4px rgb(109, 190,  
90) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 61.150, 135.990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 190, 90) }
```

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

```
.background{ background-color: rgb(109,  
190, 90) }
```

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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